

## Endeavor 5-10kVA Series

### Double Conversion Rack/Tower UPS

The Endeavor 5-10kVA Series delivers uninterrupted power for vital IT, telecom, and security setups. With a clear LCD Display for instant updates on AC, battery, and UPS status, this UPS is generator-compatible, versatile, and ensures maximum uptime. Offering pure sine wave output and adaptability for critical applications, it's the ultimate choice for reliability and efficiency.

### Key Features

The Endeavor 5-10kVA is a high-density, double-conversion online UPS series providing unparalleled power protection for critical IT and business infrastructure. With a unique multi-color touchscreen panel for easy management and monitoring, this UPS offers a wide range of installation options and is ideal for servers, networks, industrial applications. The Endeavor 5-10kVA has advanced features like predictive battery replacement and hot-swappable batteries, it's designed for IT professionals and administrators needing reliable power solutions.



### New Advanced Features

- Multi-color, touchscreen LCD panel for easy UPS configuration and monitoring
- Compact design: 4U for 5/6kVA, 5U for 8/10kVA (208VAC models)
- High-frequency design for efficient performance
- Space-saving solution for higher density installations
- Predictive Battery Replacement feature with early warning alarms
- Tool-less, front-panel battery connection and replacement
- Hot-swappable batteries for continuous power
- Independent battery chargers for unlimited runtime
- Automatic recognition of additional battery packs for recalculating runtimes
- Easy connect transformer module with NEMA input plug
- Wide range of 120V and 208V NEMA output receptacles available in standard configurations
- Smart ECO Mode feature allows for increased energy savings



### Key Features & User Benefits

- True double-conversion online tech
- DSP design
- High power factor (0.9pf)
- 120/208V output models
- Multi-function, color LCD touchscreen
- Automatic internal bypass
- Independent Battery Bypass (IBB)
- Smart fan control
- Cold start function
- USB and RS-232 communication options
- REPO Port
- 3-year standard product warranty
- Optional 5-year warranty options available
- Platinum Protection Plan<sup>®</sup>
- RoHS2 and Energy Star 2.0 compliant

### Designed to Protect:

- High-Density Installations
- Enterprise Network Installations
- Network Corporate Servers
- Telecom/VoIP Systems
- Extended Runtime

**For additional configuration options,  
Scan here or contact your Minuteman  
representative.**



| UPS Model                          | ED5KRT                                                                                    | ED6KRT                                              | ED8KRT                                              | ED10KRT                                             |
|------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
|                                    | General Features                                                                          |                                                     |                                                     |                                                     |
| Topology                           | Double-conversion, Online                                                                 |                                                     |                                                     |                                                     |
| Number of Phases                   | Single (1ϕ 2W + G)                                                                        |                                                     |                                                     |                                                     |
| VA Rating                          | 5,000VA                                                                                   | 6,000VA                                             | 8,000VA                                             | 10,000VA                                            |
| Load Capacity                      | 4,500 Watts                                                                               | 5,400 Watts                                         | 7,200 Watts                                         | 9,000 Watts                                         |
| Output Receptacles                 | (3) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block                                       | (3) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block | (4) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block | (4) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block |
| Installation Format(s)             | Rack or Tower                                                                             |                                                     |                                                     |                                                     |
|                                    | Input                                                                                     |                                                     |                                                     |                                                     |
| Nominal Voltages                   | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                     |                                                     |
| Acceptable Input Voltage           | 0 - 300VAC                                                                                |                                                     |                                                     |                                                     |
| Voltage Range                      | 156-280VAC                                                                                |                                                     | 180-280VAC                                          |                                                     |
| Power Factor Correction (PFC)      | ≥99% at Full Load                                                                         |                                                     |                                                     |                                                     |
| Frequency Range                    | 40 to 70Hz at Full Load                                                                   |                                                     |                                                     |                                                     |
| Input Plug Type (Cord Length)      | Hardwire w/optional NEMA L6-30P (6-ft.)                                                   |                                                     | Hardwire only                                       |                                                     |
| Input Surge Protection             | Resettable Circuit Breaker                                                                |                                                     |                                                     |                                                     |
| Maximum Input Current              | 32 Amps                                                                                   | 38 Amps                                             | 51 Amps                                             | 63 Amps                                             |
| Surge Joule Rating                 | 3,140 Joules                                                                              |                                                     |                                                     |                                                     |
|                                    | Output (AC Normal)                                                                        |                                                     |                                                     |                                                     |
| Voltage Range                      | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                     |                                                     |
| Voltage Regulation                 | 208,220,230,240VAC (±2%) Until Low Battery Warning                                        |                                                     |                                                     |                                                     |
| Frequency Range                    | 50/60Hz, auto selecting, +/-00.1Hz (unless synchronized to utility)                       |                                                     |                                                     |                                                     |
| Efficiency (AC-AC)                 | 93% at full-rated non-linear load                                                         |                                                     |                                                     |                                                     |
|                                    | Output (Battery)                                                                          |                                                     |                                                     |                                                     |
| Output Waveform (Battery Mode)     | True Sine-wave                                                                            |                                                     |                                                     |                                                     |
| Nominal Voltages                   | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                     |                                                     |
| Voltage Regulation                 | Nominal +/-2% (until Low Battery warning)                                                 |                                                     |                                                     |                                                     |
| Frequency Range                    | 50/60Hz, +/-0.1Hz                                                                         |                                                     |                                                     |                                                     |
| Voltage T.H.D.                     | ≤2% (Linear Load)                                                                         |                                                     |                                                     |                                                     |
| Overload Capacity                  | ≥106% - ≤110% for 10 minutes / ≥111% - ≤125% for 5 minutes / ≥126% - ≤150% for 30 seconds |                                                     |                                                     |                                                     |
|                                    | Batteries                                                                                 |                                                     |                                                     |                                                     |
| Replacement Module                 | BM0097                                                                                    |                                                     | BM0098                                              |                                                     |
| Tool-less Replacement              | Yes (Front panel replacement)                                                             |                                                     |                                                     |                                                     |
| Runtime (Full/Half Load)           | 3 min. / 11 min.                                                                          | 2 min. / 7 min.                                     | 3 min. / 11 min.                                    | 2 min. / 7 min.                                     |
| Ind. Battery Bypass                | Yes                                                                                       |                                                     |                                                     |                                                     |
| DC Startup                         | Yes                                                                                       |                                                     |                                                     |                                                     |
| Hot-swappable Batteries            | Yes                                                                                       |                                                     |                                                     |                                                     |
|                                    | Display & Communications                                                                  |                                                     |                                                     |                                                     |
| Front Panel Display                | Multi-color, Touchscreen LCD                                                              |                                                     |                                                     |                                                     |
| Alarm Silencer                     | Yes                                                                                       |                                                     |                                                     |                                                     |
| Shutdown Software                  | SentryHD (available via download)                                                         |                                                     |                                                     |                                                     |
| Communication Port(s)              | USB/RS232 (Simultaneous access)                                                           |                                                     |                                                     |                                                     |
| Comm. Cables Included              | Yes                                                                                       |                                                     |                                                     |                                                     |
| Remote Emergency Power Off Port    | Yes                                                                                       |                                                     |                                                     |                                                     |
|                                    | Environmental                                                                             |                                                     |                                                     |                                                     |
| Operating Temperature Range        | +32° to +104°F (0° to +40°C)                                                              |                                                     |                                                     |                                                     |
| Storage Temperature Range          | +5° to +131°F (-15° to +55°C)                                                             |                                                     |                                                     |                                                     |
| Operating (Storage) Humidity Range | 0 to 95%, non-condensing                                                                  |                                                     |                                                     |                                                     |
| Operating Elevation                | 0 to +15,000 ft. (0 to +3,000m)                                                           |                                                     |                                                     |                                                     |
| Storage Elevation                  | 0 to +50,000 ft. (0 to +15,000m)                                                          |                                                     |                                                     |                                                     |
|                                    | Physical                                                                                  |                                                     |                                                     |                                                     |
| Unit Dimensions (L x W x H)        | 23.27" x 17.24" x 6.81" (591*438*173 mm)                                                  |                                                     | 28.74" x 17.24" x 8.54" (730*438*217 mm)            |                                                     |
| Shipping Dimensions (L x W x H)    | 27.64" x 21.65" x 11.22" (702*550*285 mm)                                                 |                                                     | 34.65" x 21.85" x 13.58" (880*555*345 mm)           |                                                     |
| Unit Weight                        | 122.32 lbs. (55.5 Kgs.)                                                                   |                                                     | 170.81 lbs. (77.5 Kgs.)                             |                                                     |
| Shipping Weight                    | 131.14 lbs. (59.5 Kgs.)                                                                   |                                                     | 179.63 lbs. (81.5 Kgs.)                             |                                                     |
|                                    | Warranty & Certifications                                                                 |                                                     |                                                     |                                                     |
| Standard Warranty                  | 3 Years (Electronics and Batteries)                                                       |                                                     |                                                     |                                                     |
| Connected Equipment Guarantee      | \$250,000                                                                                 |                                                     |                                                     |                                                     |
| Safety Agency Approvals            | cUL, CE,                                                                                  |                                                     |                                                     |                                                     |
| Certifications                     | UL1778, FCC Class B, Energy Star 2.0, RoHS2                                               |                                                     |                                                     |                                                     |

| UPS Model                          | ED5KRT                                                                                    | ED5KRT-3KTF                                            | ED5KRT-5KTF                                              |
|------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|
|                                    | <b>General Features</b>                                                                   |                                                        |                                                          |
| Topology                           | Double-conversion, Online                                                                 |                                                        |                                                          |
| Number of Phases                   | Single (1 $\phi$ 2W + G)                                                                  |                                                        |                                                          |
| VA Rating                          | 5,000VA                                                                                   |                                                        |                                                          |
| Load Capacity                      | 4,500 Watts                                                                               |                                                        |                                                          |
| Output Receptacles (208-240VAC)    | (3) L6-30R / (2) L6-20R /<br>(1) 3-wire Terminal Block                                    | (2) L6-30R / (2) L6-20R /<br>(1) 3-wire Terminal Block | (2) L6-30R / (2) L6-20R /<br>(1) 3-wire Terminal Block   |
| Output Receptacles (120VAC)        | -                                                                                         | (8) 5-15/20R                                           | (4) 5-15/20R / (2) L5-30R /<br>(1) 3-wire Terminal Block |
| Installation Format(s)             | Rack or Tower                                                                             |                                                        |                                                          |
|                                    | <b>Input</b>                                                                              |                                                        |                                                          |
| Nominal Voltages                   | 208VAC (Default), 220, 230, 240VAC / 120VAC (Default), 110, 115VAC                        |                                                        |                                                          |
| Acceptable Input Voltage           | 0 - 300VAC                                                                                |                                                        |                                                          |
| Voltage Range                      | 156-280VAC                                                                                |                                                        |                                                          |
| Power Factor Correction (PFC)      | ≥99% at Full Load                                                                         |                                                        |                                                          |
| Frequency Range                    | 40 to 70Hz at Full Load                                                                   |                                                        |                                                          |
| Input Plug Type (Cord Length)      | Hardwire w/optional NEMA L6-30P (6-ft.)                                                   |                                                        |                                                          |
| Input Surge Protection             | Resettable Circuit Breaker                                                                |                                                        |                                                          |
| Maximum Input Current              | 32 Amps                                                                                   |                                                        |                                                          |
| Surge Joule Rating                 | 3,140 Joules                                                                              |                                                        |                                                          |
|                                    | <b>Output (AC Normal)</b>                                                                 |                                                        |                                                          |
| Voltage Range                      | 208VAC (Default), 220, 230, 240VAC / 120VAC (Default), 110, 115VAC                        |                                                        |                                                          |
| Voltage Regulation                 | 110, 115, 120, 208, 220, 230, 240VAC (±2%) Until Low Battery Warning                      |                                                        |                                                          |
| Frequency Range                    | 50/60Hz, auto selecting, +/-0.1Hz (unless synchronized to utility)                        |                                                        |                                                          |
| Efficiency (AC-AC)                 | 93% at full-rated non-linear load                                                         |                                                        |                                                          |
|                                    | <b>Output (Battery)</b>                                                                   |                                                        |                                                          |
| Output Waveform (Battery Mode)     | True Sine-wave                                                                            |                                                        |                                                          |
| Nominal Voltages                   | 208VAC (Default), 220, 230, 240VAC / 120VAC (Default), 110, 115VAC                        |                                                        |                                                          |
| Voltage Regulation                 | Nominal +/-2% (until Low Battery warning)                                                 |                                                        |                                                          |
| Frequency Range                    | 50/60Hz, +/-0.1Hz                                                                         |                                                        |                                                          |
| Voltage T.H.D.                     | ≤2% (Linear Load)                                                                         |                                                        |                                                          |
| Overload Capacity                  | ≥106% - ≤110% for 10 minutes / ≥111% - ≤125% for 5 minutes / ≥126% - ≤150% for 30 seconds |                                                        |                                                          |
|                                    | <b>Batteries</b>                                                                          |                                                        |                                                          |
| Replacement Module                 | BM0097                                                                                    |                                                        |                                                          |
| Tool-less Replacement              | Yes (Front panel replacement)                                                             |                                                        |                                                          |
| Runtime (Full/Half Load)           | 3 min. / 11 min.                                                                          |                                                        |                                                          |
| Ind. Battery Bypass                | Yes                                                                                       |                                                        |                                                          |
| DC Startup                         | Yes                                                                                       |                                                        |                                                          |
| Hot-swappable Batteries            | Yes                                                                                       |                                                        |                                                          |
|                                    | <b>Display &amp; Communications</b>                                                       |                                                        |                                                          |
| Front Panel Display                | Multi-color, Touchscreen LCD                                                              |                                                        |                                                          |
| Alarm Silencer                     | Yes                                                                                       |                                                        |                                                          |
| Shutdown Software                  | SentryHD (available via download)                                                         |                                                        |                                                          |
| Communication Port(s)              | USB/RS232 (Simultaneous access)                                                           |                                                        |                                                          |
| Comm. Cables Included              | Yes                                                                                       |                                                        |                                                          |
| Remote Emergency Power Off Port    | Yes                                                                                       |                                                        |                                                          |
|                                    | <b>Environmental</b>                                                                      |                                                        |                                                          |
| Operating Temperature Range        | +32° to +104°F (0° to +40°C)                                                              |                                                        |                                                          |
| Storage Temperature Range          | +5° to +131°F (-15° to +55°C)                                                             |                                                        |                                                          |
| Operating (Storage) Humidity Range | 0 to 95%, non-condensing                                                                  |                                                        |                                                          |
| Operating Elevation                | 0 to +15,000 ft. (0 to +3,000m)                                                           |                                                        |                                                          |
| Storage Elevation                  | 0 to +50,000 ft. (0 to +15,000m)                                                          |                                                        |                                                          |
|                                    | <b>Physical</b>                                                                           |                                                        |                                                          |
| Unit Dimensions (L x W x H)        | 23.27" x 17.24" x 6.81"<br>(591*438*173 mm)                                               | 23.82" x 17.24" 10.22"<br>(605*438*260 mm)             | 23.82" x 17.24" 10.22"<br>(605*438*173 mm)               |
| Shipping Dimensions (L x W x H)    | 27.64" x 21.65" x 11.22"<br>(702*550*285 mm)                                              | 30.31" x 22.24" x 20.67"<br>(770*565*525 mm)           | 30.31" x 22.24" x 20.67"<br>(770*565*525 mm)             |
| Unit Weight                        | 122.32 lbs. (55.5 Kgs.)                                                                   | 210.48 lbs. (95.5 Kgs.)                                | 243.54 lbs. (110.5 Kgs.)                                 |

| UPS Model                          | ED6KRT                                                                                                                        | ED6KRT-3KTF                                         | ED6KRT-5KTF                                           | ED6KRT-6KTF2                                        |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
|                                    | <b>General Features</b>                                                                                                       |                                                     |                                                       |                                                     |
| Topology                           | Double-conversion, Online                                                                                                     |                                                     |                                                       |                                                     |
| Number of Phases                   | Single (1 $\phi$ 2W + G)                                                                                                      |                                                     |                                                       |                                                     |
| VA Rating                          | 6,000VA                                                                                                                       |                                                     |                                                       |                                                     |
| Load Capacity                      | 5,400 Watts                                                                                                                   | 5,265 Watts                                         | 5,175 Watts                                           | 5,130 Watts                                         |
| Output Receptacles (208-240VAC)    | (3) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block                                                                           | (2) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block | (2) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block   | (1) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block |
| Output Receptacles (120VAC)        | -                                                                                                                             | (8) 5-15/20R                                        | (4) 5-15/20R / (2) L5-30R / (1) 3-wire Terminal Block | (16) 5-15/20R                                       |
| Installation Format(s)             | Rack or Tower                                                                                                                 |                                                     |                                                       |                                                     |
|                                    | <b>Input</b>                                                                                                                  |                                                     |                                                       |                                                     |
| Nominal Voltages                   | 208 (Default), 220, 230, 240VAC                                                                                               |                                                     |                                                       |                                                     |
| Acceptable Input Voltage           | 0 - 300VAC                                                                                                                    |                                                     |                                                       |                                                     |
| Voltage Range                      | 156-280VAC                                                                                                                    |                                                     |                                                       |                                                     |
| Power Factor Correction (PFC)      | $\geq 99\%$ at Full Load                                                                                                      |                                                     |                                                       |                                                     |
| Frequency Range                    | 40 to 70Hz at Full Load                                                                                                       |                                                     |                                                       |                                                     |
| Input Plug Type (Cord Length)      | Hardwire w/optional NEMA L6-30P (6-ft.)                                                                                       |                                                     |                                                       |                                                     |
| Input Surge Protection             | Resettable Circuit Breaker                                                                                                    |                                                     |                                                       |                                                     |
| Maximum Input Current              | 38 Amps                                                                                                                       |                                                     |                                                       |                                                     |
| Surge Joule Rating                 | 3,140 Joules                                                                                                                  |                                                     |                                                       |                                                     |
|                                    | <b>Output (AC Normal)</b>                                                                                                     |                                                     |                                                       |                                                     |
| Voltage Range                      | 208 (Default), 220, 230, 240VAC                                                                                               |                                                     |                                                       |                                                     |
| Voltage Regulation                 | 208,220,230,240VAC<br>( $\pm 2\%$ ) Until Low Battery Warning                                                                 |                                                     |                                                       |                                                     |
| Frequency Range                    | 50/60Hz, auto selecting, $\pm 0.1$ Hz (unless synchronized to utility)                                                        |                                                     |                                                       |                                                     |
| Efficiency (AC-AC)                 | 93% at full-rated non-linear load                                                                                             |                                                     |                                                       |                                                     |
|                                    | <b>Output (Battery)</b>                                                                                                       |                                                     |                                                       |                                                     |
| Output Waveform (Battery Mode)     | True Sine-wave                                                                                                                |                                                     |                                                       |                                                     |
| Nominal Voltages                   | 208 (Default), 220, 230, 240VAC                                                                                               |                                                     |                                                       |                                                     |
| Voltage Regulation                 | Nominal $\pm 2\%$ (until Low Battery warning)                                                                                 |                                                     |                                                       |                                                     |
| Frequency Range                    | 50/60Hz, $\pm 0.1$ Hz                                                                                                         |                                                     |                                                       |                                                     |
| Voltage T.H.D.                     | $\leq 2\%$ (Linear Load)                                                                                                      |                                                     |                                                       |                                                     |
| Overload Capacity                  | $\geq 106\% - \leq 110\%$ for 10 minutes / $\geq 111\% - \leq 125\%$ for 5 minutes / $\geq 126\% - \leq 150\%$ for 30 seconds |                                                     |                                                       |                                                     |
|                                    | <b>Batteries</b>                                                                                                              |                                                     |                                                       |                                                     |
| Replacement Module                 | BM0097                                                                                                                        |                                                     |                                                       |                                                     |
| Tool-less Replacement              | Yes (Front panel replacement)                                                                                                 |                                                     |                                                       |                                                     |
| Runtime (Full/Half Load)           | 2 Minutes / 7 Minutes                                                                                                         |                                                     |                                                       |                                                     |
| Ind. Battery Bypass                | Yes                                                                                                                           |                                                     |                                                       |                                                     |
| DC Startup                         | Yes                                                                                                                           |                                                     |                                                       |                                                     |
| Hot-swappable Batteries            | Yes                                                                                                                           |                                                     |                                                       |                                                     |
|                                    | <b>Display &amp; Communications</b>                                                                                           |                                                     |                                                       |                                                     |
| Front Panel Display                | Multi-color, Touchscreen LCD                                                                                                  |                                                     |                                                       |                                                     |
| Alarm Silencer                     | Yes                                                                                                                           |                                                     |                                                       |                                                     |
| Shutdown Software                  | SentryHD (available via download)                                                                                             |                                                     |                                                       |                                                     |
| Communication Port(s)              | USB/RS232 (Simultaneous access)                                                                                               |                                                     |                                                       |                                                     |
| Comm. Cables Included              | Yes                                                                                                                           |                                                     |                                                       |                                                     |
| Remote Emergency Power Off Port    | Yes                                                                                                                           |                                                     |                                                       |                                                     |
|                                    | <b>Environmental</b>                                                                                                          |                                                     |                                                       |                                                     |
| Operating Temperature Range        | $+32^{\circ}$ to $+104^{\circ}$ F ( $0^{\circ}$ to $+40^{\circ}$ C)                                                           |                                                     |                                                       |                                                     |
| Storage Temperature Range          | $+5^{\circ}$ to $+131^{\circ}$ F ( $-15^{\circ}$ to $+55^{\circ}$ C)                                                          |                                                     |                                                       |                                                     |
| Operating (Storage) Humidity Range | 0 to 95%, non-condensing                                                                                                      |                                                     |                                                       |                                                     |
| Operating Elevation                | 0 to $+15,000$ ft. (0 to $+3,000$ m)                                                                                          |                                                     |                                                       |                                                     |
| Storage Elevation                  | 0 to $+50,000$ ft. (0 to $+15,000$ m)                                                                                         |                                                     |                                                       |                                                     |
|                                    | <b>Physical</b>                                                                                                               |                                                     |                                                       |                                                     |
| Unit Dimensions (L x W x H)        | 23.27" x 17.24" x 6.81"<br>(591*438*173 mm)                                                                                   | 23.82" x 17.24" 10.22"<br>(605*438*260 mm)          | 23.82" x 17.24" 10.22"<br>(605*438*173 mm)            | 23.82" x 17.24" 13.63"<br>(605*438*346 mm)          |
| Shipping Dimensions (L x W x H)    | 27.64" x 21.65" x 11.22"<br>(702*550*285 mm)                                                                                  | 30.31" x 22.24" x 20.67"<br>(770*565*525 mm)        | 30.31" x 22.24" x 20.67"<br>(770*565*525 mm)          | 30.31" x 22.24" x 30.12"<br>(770*565*765 mm)        |
| Unit Weight                        | 122.32 lbs. (55.5 Kgs.)                                                                                                       | 210.48 lbs. (95.5 Kgs.)                             | 243.54 lbs. (110.5 Kgs.)                              | 331.7 lbs. (150.5 Kgs.)                             |
| Shipping Weight                    | 131.14 lbs. (59.5 Kgs.)                                                                                                       | 227.01 lbs. (103.0 Kgs.)                            | 260.07 lbs. (118.0 Kgs.)                              | 355.94 lbs. (161.5 Kgs.)                            |

|                                    |                                                                                           |                                                     |                                                       |                                                     |                                                        |
|------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------|
| UPS Model                          | ED8KRT                                                                                    | ED8KRT-3KTF                                         | ED8KRT-5KTF                                           | ED8KRT-6KTF2                                        | ED8KRT-8KTF2                                           |
|                                    | General Features                                                                          |                                                     |                                                       |                                                     |                                                        |
| Topology                           | Double-conversion, Online                                                                 |                                                     |                                                       |                                                     |                                                        |
| Number of Phases                   | Single (1ϕ 2W + G)                                                                        |                                                     |                                                       |                                                     |                                                        |
| VA Rating                          | 8,000VA                                                                                   |                                                     |                                                       |                                                     |                                                        |
| Load Capacity                      | 7,200 Watts                                                                               | 7,065 Watts                                         | 6,975 Watts                                           | 6,930 Watts                                         | 6,840 Watts                                            |
| Output Receptacles (208-240VAC)    | (4) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block                                       | (3) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block | (3) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block   | (2) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block | (2) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block    |
| Output Receptacles (120VAC)        | -                                                                                         | (8) 5-15/20R                                        | (4) 5-15/20R / (2) L5-30R / (1) 3-wire Terminal Block | (16) 5-15/20R                                       | (12) 5-15/20R / (2) L5-30R / (1) 3-wire Terminal Block |
| Installation Format(s)             | Rack or Tower                                                                             |                                                     |                                                       |                                                     |                                                        |
|                                    | Input                                                                                     |                                                     |                                                       |                                                     |                                                        |
| Nominal Voltages                   | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                       |                                                     |                                                        |
| Acceptable Input Voltage           | 0 - 300VAC                                                                                |                                                     |                                                       |                                                     |                                                        |
| Voltage Range                      | 180-280VAC                                                                                |                                                     |                                                       |                                                     |                                                        |
| Power Factor Correction (PFC)      | ≥99% at Full Load                                                                         |                                                     |                                                       |                                                     |                                                        |
| Frequency Range                    | 40 to 70Hz at Full Load                                                                   |                                                     |                                                       |                                                     |                                                        |
| Input Plug Type (Cord Length)      | Hardwire only                                                                             |                                                     |                                                       |                                                     |                                                        |
| Input Surge Protection             | Resettable Circuit Breaker                                                                |                                                     |                                                       |                                                     |                                                        |
| Maximum Input Current              | 51 Amps                                                                                   |                                                     |                                                       |                                                     |                                                        |
| Surge Joule Rating                 | 3,140 Joules                                                                              |                                                     |                                                       |                                                     |                                                        |
|                                    | Output (AC Normal)                                                                        |                                                     |                                                       |                                                     |                                                        |
| Voltage Range                      | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                       |                                                     |                                                        |
| Voltage Regulation                 | 208,220,230,240VAC<br>(±2%) Until Low Battery Warning                                     |                                                     |                                                       |                                                     |                                                        |
| Frequency Range                    | 50/60Hz, auto selecting, +/-00.1Hz (unless synchronized to utility)                       |                                                     |                                                       |                                                     |                                                        |
| Efficiency (AC-AC)                 | 93% at full-rated non-linear load                                                         |                                                     |                                                       |                                                     |                                                        |
|                                    | Output (Battery)                                                                          |                                                     |                                                       |                                                     |                                                        |
| Output Waveform (Battery Mode)     | True Sine-wave                                                                            |                                                     |                                                       |                                                     |                                                        |
| Nominal Voltages                   | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                       |                                                     |                                                        |
| Voltage Regulation                 | Nominal +/-2% (until Low Battery warning)                                                 |                                                     |                                                       |                                                     |                                                        |
| Frequency Range                    | 50/60Hz, +/-0.1Hz                                                                         |                                                     |                                                       |                                                     |                                                        |
| Voltage T.H.D.                     | ≤2% (Linear Load)                                                                         |                                                     |                                                       |                                                     |                                                        |
| Overload Capacity                  | ≥106% - ≤110% for 10 minutes / ≥111% - ≤125% for 5 minutes / ≥126% - ≤150% for 30 seconds |                                                     |                                                       |                                                     |                                                        |
|                                    | Batteries                                                                                 |                                                     |                                                       |                                                     |                                                        |
| Replacement Module                 | BM0098                                                                                    |                                                     |                                                       |                                                     |                                                        |
| Tool-less Replacement              | Yes (Front panel replacement)                                                             |                                                     |                                                       |                                                     |                                                        |
| Runtime (Full/Half Load)           | 3 Minutes / 11 Minutes                                                                    |                                                     |                                                       |                                                     |                                                        |
| Ind. Battery Bypass                | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |
| DC Startup                         | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |
| Hot-swappable Batteries            | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |
|                                    | Display & Communications                                                                  |                                                     |                                                       |                                                     |                                                        |
| Front Panel Display                | Multi-color, Touchscreen LCD                                                              |                                                     |                                                       |                                                     |                                                        |
| Alarm Silencer                     | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |
| Shutdown Software                  | SentryHD (available via download)                                                         |                                                     |                                                       |                                                     |                                                        |
| Communication Port(s)              | USB/RS232 (Simultaneous access)                                                           |                                                     |                                                       |                                                     |                                                        |
| Comm. Cables Included              | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |
| Remote Emergency Power Off Port    | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |
|                                    | Environmental                                                                             |                                                     |                                                       |                                                     |                                                        |
| Operating Temperature Range        | +32° to +104°F (0° to +40°C)                                                              |                                                     |                                                       |                                                     |                                                        |
| Storage Temperature Range          | +5° to +131°F (-15° to +55°C)                                                             |                                                     |                                                       |                                                     |                                                        |
| Operating (Storage) Humidity Range | 0 to 95%, non-condensing                                                                  |                                                     |                                                       |                                                     |                                                        |
| Operating Elevation                | 0 to +15,000 ft. (0 to +3,000m)                                                           |                                                     |                                                       |                                                     |                                                        |
| Storage Elevation                  | 0 to +50,000 ft. (0 to +15,000m)                                                          |                                                     |                                                       |                                                     |                                                        |
|                                    | Physical                                                                                  |                                                     |                                                       |                                                     |                                                        |
| Unit Dimensions (L x W x H)        | 28.74" x 17.24" x 8.54"<br>(730*438*217 mm)                                               | 28.74" x 17.24" x 11.95"<br>(730*438*303.5 mm)      | 28.74" x 17.24" x 11.95"<br>(730*438*303.5 mm)        | 28.74" x 17.24" x 15.36"<br>(730*438*390.0 mm)      | 28.74" x 17.24" x 15.36"<br>(730*438*390.0 mm)         |
| Shipping Dimensions (L x W x H)    | 34.65" x 21.85" x 13.58"<br>(880*555*345 mm)                                              | 34.65" x 22.24" x 23.03"<br>(880*565*585 mm)        | 34.65" x 22.24" x 23.03"<br>(880*565*585 mm)          | 34.65" x 22.24" x 32.48"<br>(880*565*825 mm)        | 34.65" x 22.24" x 32.48"<br>(880*565*825 mm)           |
| Unit Weight                        | 170.81 lbs. (77.5 Kgs.)                                                                   | 258.97 lbs. (117.5 Kgs.)                            | 292.03 lbs. (132.5 Kgs.)                              | 347.13 lbs. (157.5 Kgs.)                            | 380.19 lbs. (172.5 Kgs.)                               |

| UPS Model                          | ED10KRT                                                                                   | ED10KRT-3KTF                                        | ED10KRT-5KTF                                          | ED10KRT-6KTF2                                       | ED10KRT-8KTF2                                          | ED10KRT-10KTF2                                        |
|------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
|                                    | General Features                                                                          |                                                     |                                                       |                                                     |                                                        |                                                       |
| Topology                           | Double-conversion, Online                                                                 |                                                     |                                                       |                                                     |                                                        |                                                       |
| Number of Phases                   | Single (1ϕ 2W + G)                                                                        |                                                     |                                                       |                                                     |                                                        |                                                       |
| VA Rating                          | 10,000VA                                                                                  |                                                     |                                                       |                                                     |                                                        |                                                       |
| Load Capacity                      | 9,000 Watts                                                                               | 8,865 Watts                                         | 8,775 Watts                                           | 8,730 Watts                                         | 8,640 Watts                                            | 8,550 Watts                                           |
| Output Receptacles (208-240VAC)    | (4) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block                                       | (3) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block | (3) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block   | (2) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block | (2) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block    | (2) L6-30R / (2) L6-20R / (1) 3-wire Terminal Block   |
| Output Receptacles (120VAC)        | -                                                                                         | (8) 5-15/20R                                        | (4) 5-15/20R / (2) L5-30R / (1) 3-wire Terminal Block | (16) 5-15/20R                                       | (12) 5-15/20R / (2) L5-30R / (1) 3-wire Terminal Block | (8) 5-15/20R / (4) L5-30R / (2) 3-wire Terminal Block |
| Installation Format(s)             | Rack or Tower                                                                             |                                                     |                                                       |                                                     |                                                        |                                                       |
|                                    | Input                                                                                     |                                                     |                                                       |                                                     |                                                        |                                                       |
| Nominal Voltages                   | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                       |                                                     |                                                        |                                                       |
| Acceptable Input Voltage           | 0 - 300VAC                                                                                |                                                     |                                                       |                                                     |                                                        |                                                       |
| Voltage Range                      | 180-280VAC                                                                                |                                                     |                                                       |                                                     |                                                        |                                                       |
| Power Factor Correction (PFC)      | ≥99% at Full Load                                                                         |                                                     |                                                       |                                                     |                                                        |                                                       |
| Frequency Range                    | 40 to 70Hz at Full Load                                                                   |                                                     |                                                       |                                                     |                                                        |                                                       |
| Input Plug Type (Cord Length)      | Hardwire only                                                                             |                                                     |                                                       |                                                     |                                                        |                                                       |
| Input Surge Protection             | Resettable Circuit Breaker                                                                |                                                     |                                                       |                                                     |                                                        |                                                       |
| Maximum Input Current              | 63 Amps                                                                                   |                                                     |                                                       |                                                     |                                                        |                                                       |
| Surge Joule Rating                 | 3,140 Joules                                                                              |                                                     |                                                       |                                                     |                                                        |                                                       |
|                                    | Output (AC Normal)                                                                        |                                                     |                                                       |                                                     |                                                        |                                                       |
| Voltage Range                      | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                       |                                                     |                                                        |                                                       |
| Voltage Regulation                 | 208,220,230,240VAC (±2%) Until Low Battery Warning                                        |                                                     |                                                       |                                                     |                                                        |                                                       |
| Frequency Range                    | 50/60Hz, auto selecting, +/-00.1Hz (unless synchronized to utility)                       |                                                     |                                                       |                                                     |                                                        |                                                       |
| Efficiency (AC-AC)                 | 93% at full-rated non-linear load                                                         |                                                     |                                                       |                                                     |                                                        |                                                       |
|                                    | Output (Battery)                                                                          |                                                     |                                                       |                                                     |                                                        |                                                       |
| Output Waveform (Battery Mode)     | True Sine-wave                                                                            |                                                     |                                                       |                                                     |                                                        |                                                       |
| Nominal Voltages                   | 208 (Default), 220, 230, 240VAC                                                           |                                                     |                                                       |                                                     |                                                        |                                                       |
| Voltage Regulation                 | Nominal +/-2% (until Low Battery warning)                                                 |                                                     |                                                       |                                                     |                                                        |                                                       |
| Frequency Range                    | 50/60Hz, +/-0.1Hz                                                                         |                                                     |                                                       |                                                     |                                                        |                                                       |
| Voltage T.H.D.                     | ≤2% (Linear Load)                                                                         |                                                     |                                                       |                                                     |                                                        |                                                       |
| Overload Capacity                  | ≥106% - ≤110% for 10 minutes / ≥111% - ≤125% for 5 minutes / ≥126% - ≤150% for 30 seconds |                                                     |                                                       |                                                     |                                                        |                                                       |
|                                    | Batteries                                                                                 |                                                     |                                                       |                                                     |                                                        |                                                       |
| Replacement Module                 | BM0098                                                                                    |                                                     |                                                       |                                                     |                                                        |                                                       |
| Tool-less Replacement              | Yes (Front panel replacement)                                                             |                                                     |                                                       |                                                     |                                                        |                                                       |
| Runtime (Full/Half Load)           | 2 min. / 7 min.                                                                           |                                                     |                                                       |                                                     |                                                        |                                                       |
| Ind. Battery Bypass                | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |                                                       |
| DC Startup                         | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |                                                       |
| Hot-swappable Batteries            | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |                                                       |
|                                    | Display & Communications                                                                  |                                                     |                                                       |                                                     |                                                        |                                                       |
| Front Panel Display                | Multi-color, Touchscreen LCD                                                              |                                                     |                                                       |                                                     |                                                        |                                                       |
| Alarm Silencer                     | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |                                                       |
| Shutdown Software                  | SentryHD (available via download)                                                         |                                                     |                                                       |                                                     |                                                        |                                                       |
| Communication Port(s)              | USB/RS232 (Simultaneous access)                                                           |                                                     |                                                       |                                                     |                                                        |                                                       |
| Comm. Cables Included              | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |                                                       |
| Remote Emergency Power Off Port    | Yes                                                                                       |                                                     |                                                       |                                                     |                                                        |                                                       |
|                                    | Environmental                                                                             |                                                     |                                                       |                                                     |                                                        |                                                       |
| Operating Temperature Range        | +32° to +104°F (0° to +40°C)                                                              |                                                     |                                                       |                                                     |                                                        |                                                       |
| Storage Temperature Range          | +5° to +131°F (-15° to +55°C)                                                             |                                                     |                                                       |                                                     |                                                        |                                                       |
| Operating (Storage) Humidity Range | 0 to 95%, non-condensing                                                                  |                                                     |                                                       |                                                     |                                                        |                                                       |
| Operating Elevation                | 0 to +15,000 ft. (0 to +3,000m)                                                           |                                                     |                                                       |                                                     |                                                        |                                                       |
| Storage Elevation                  | 0 to +50,000 ft. (0 to +15,000m)                                                          |                                                     |                                                       |                                                     |                                                        |                                                       |
|                                    | Physical                                                                                  |                                                     |                                                       |                                                     |                                                        |                                                       |
| Unit Dimensions (L x W x H)        | 28.74" x 17.24" x 8.54" (730*438*217 mm)                                                  | 28.74" x 17.24" x 11.95" (730*438*303.5 mm)         | 28.74" x 17.24" x 11.95" (730*438*303.5 mm)           | 28.74" x 17.24" x 15.36" (730*438*390.0 mm)         | 28.74" x 17.24" x 15.36" (730*438*390.0 mm)            | 28.74" x 17.24" x 15.36" (730*438*390.0 mm)           |
| Shipping Dimensions (L x W x H)    | 34.65" x 21.85" x 13.58" (880*555*345 mm)                                                 | 34.65" x 22.24" x 23.03" (880*565*585 mm)           | 34.65" x 22.24" x 23.03" (880*565*585 mm)             | 34.65" x 22.24" x 32.48" (880*565*825 mm)           | 34.65" x 22.24" x 32.48" (880*565*825 mm)              | 34.65" x 22.24" x 32.48" (880*565*825 mm)             |
| Unit Weight                        | 170.81 lbs. (77.5 Kgs.)                                                                   | 258.97 lbs. (117.5 Kgs.)                            | 292.03 lbs. (132.5 Kgs.)                              | 347.13 lbs. (157.5 Kgs.)                            | 380.19 lbs. (172.5 Kgs.)                               | 413.25 lbs. (187.5 Kgs.)                              |
| Shipping Weight                    | 179.63 lbs. (81.5 Kgs.)                                                                   | 275.50 lbs. (125.0 Kgs.)                            | 308.56 lbs. (140.0 Kgs.)                              | 371.37 lbs. (168.5 Kgs.)                            | 404.43 lbs. (183.5 Kgs.)                               | 437.49 lbs. (198.5 Kgs.)                              |