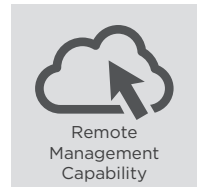
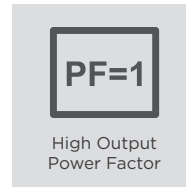
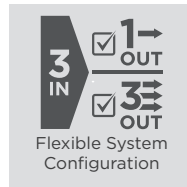
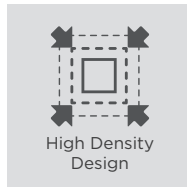
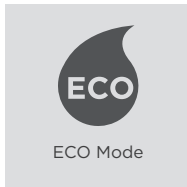


RT33010KE/RT33015KE/RT33020KE



DATA CENTER UPS WITH RACK COMPATIBILITY



Reliable power backup with flexible configuration suitable for servers and data centers

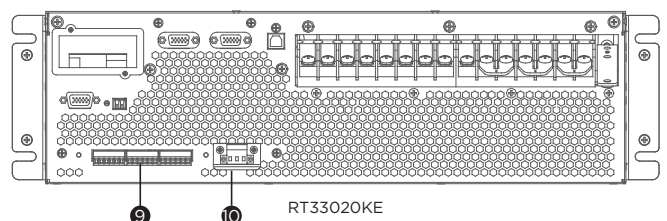
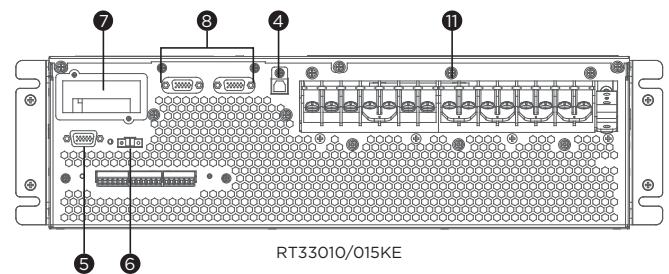
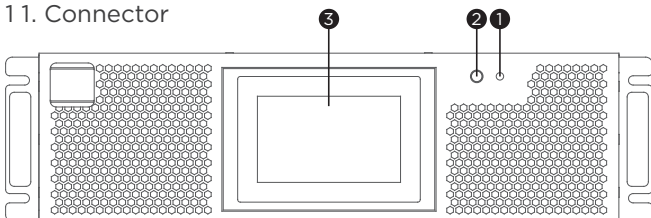
Designed for office, back office, server room and data center application, the RT33 (3-Phase) Series adopts double conversion online topology to offer ideal power solution. The products are compatible with 19" standard rack cabinet. The systems also intelligently control the whole process of the charging and discharging. Last but not least, the systems can be flexibly configured to 3-in/3-out and 3-in/1-out according to the users' needs.

SERIES FEATURES

- Three-phase Design
- Online (Double Conversion) UPS Topology
- ECO Mode
- High Density Design
- Flexible System Configuration
- High Output Power Factor
- Rack Modular Design
- LCD Touch Panel
- Color LCD Panel
- Dual Inputs
- UPS Parallel Expansion
- Generator Compatible
- Pure Sine Wave Output
- Battery Cold Start
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel Management Software

PRODUCT CALLOUTS

1. LED Status Indicator
2. Battery Cold Start Button
3. LCD Display Panel
4. USB Port (Optional)
5. RS232
6. RS485
7. SNMP/HTTP Network Slot
8. Parallel Port
9. Dry Contact
10. LBS
11. Connector



TECHNICAL SPECIFICATIONS

Model Name	RT33010KE	RT33015KE	RT33020KE
General			
Phase	Three Phase		
Form Factor	Rackmount, Tower		
Energy Saving Technology	Online ECO Mode Efficiency > 98%		
Normal Mode Efficiency (%)	95%		95.5%
Battery Mode Efficiency (%)	94.5%		95.5%
Parallel Expansion (Max. Units)	4		
Input			
Dual Power Inputs	Yes		
Nominal Input Voltage (Vac)	Line to Neutral (L-N): 220, 230, 240 Vac, Line to Line (L-L): 380, 400, 415 Vac		
Input Voltage Range (Vac)	Line to Neutral (L-N): 132 - 276 Vac, Line to Line (L-L): 228 - 478 Vac		
Input Frequency (Hz)	50 ± 3, 60 ± 3		
Input Frequency Range (Hz)	40 - 70		
Input Power Factor	0.99		
Output			
Capacity (VA)	10000	15000	20000
Capacity (Watts)	10000	15000	20000
Rated Output Voltage (Vac)	Line to Neutral (L-N): 220, 230, 240 Vac, Line to Line (L-L): 380, 400, 415 Vac		
Output Voltage Tolerance (%)	1.5%		
Output Frequency (Hz ± %)	50 ± 0.1, 60 ± 0.1		
Power Factor	1		
Overload Protection (Line Mode)	105-110% Load for 60 min, 110-125% Load for 10 min, 125-150% Load for 1 min, >150% Load Immediately		
Crest Factor	3:1		
Harmonic Distortion (Linear Load)	THD<1%		
Harmonic Distortion (Non-linear Load)	THD<5%		THD<6%
Compatible Battery Types	VRLA, AGM, Gel, Wet		
Recharge Power (%)	Default 10% (Selectable from 1-20% x UPS Capacity)		
Charger Voltage Tolerance (%)	1%		
Battery Solution	Extended Battery		
Battery Voltage (V)	±240		
Compatible Extended Battery Module (EBM)	BM240V63ART3U		
Compatible Extended Battery Cabinet (EBC)	SMBF17, SMBF20, SMBF26, SMBF40, SMBF65, BCA100N125, BCA12N63, BCA20N125, BCA40N125		
External Battery Quantity	12V x 40pcs		
Management & Communications			
LCD Panel	Yes		
LCD Types	Color LCD, LCD Touch Panel		
LCD Information Display	Operation Type, Power Status, Battery Status, Load Status, Fault & Warning, Other Information, Event & Log		
LCD Setting & Control	Mode Setting, Input & Output, Battery Setting, Communication, Event & Log, Security Setting, Language		
LED Indicators	Yes		
Serial Port	RS232 x 1 + RS485 x 1 + Dry Contact x1		
Dry Contact (with Relay)	Yes		
Power Management Software	PowerPanel Business (Recommended)		
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205		
Physical			
Ingress Protection	IP20		
Physical Size - UPS Module			
Dimensions (WxHxD) (mm.)	438 x 130 x 750		
Weight (kg.)	25		27
Environmental			
Operating Temperature (°C)	0 - 40		
Operating Relative Humidity (Non-condensing) (%)	0 - 95		
Operating Elevation (feet/meters)	≤1000, Load Derated 1% per 100m from 1000m and 2000m		
Storage Temperature (°C)	-40 - 70		
Storage Relative Humidity (Non-condensing) (%)	0 - 95		
Audible Noise at 1.0M from Surface of Unit (dBA)	58		
Certifications			
Certifications*	CE, BSMI, IEC62040-1, IEC62040-2		

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information.

#All specifications are subject to change without notice.