

PDU31004/PDU31005  
PDU31414/PDU31406

## RELIABLE POWER DISTRIBUTION WITH OUTLET MONITORING

### Reliable PDU with color configurable LCD display, capable of monitoring connected equipment

Ideal for server room and data center applications, the Monitored PDU Series is a power distribution device that delivers electricity from a single source to multiple devices. The multifunction LCD readout can display precise power conditions. It is also hot-swappable, color-changeable, and supports automatic LCD screen orientation. The PDUs are built-in with SNMP/HTTP module, which works with PowerPanel® Power Management Software for real-time monitoring and configuration. Furthermore, the products are compatible with environmental sensor for real-time monitoring of temperature and humidity.

#### APPLICATION

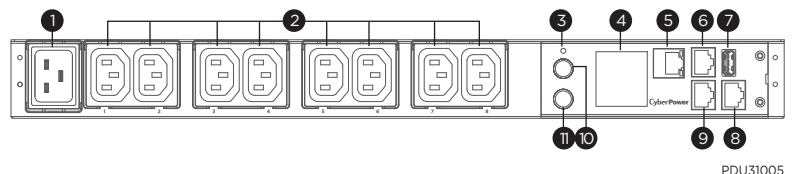
- Office
- Server room
- Factory
- Surveillance systems
- Networking devices
- Satellite devices
- Workstations
- Back office
- Data center
- Security systems
- Telecom devices
- NAS/Storage devices
- Multimedia devices

#### SERIES FEATURES

- Real-Time Local/Remote Monitoring
- Ultra Low Power Consumption (for OU model)
- User Configurable Color LCD
- Rotatable LCD for Proper Display Orientation
- Support Daisy Chain Function
- Firmware Upgrade via USB
- PowerPanel® Management Software
- Work under High Temperature
- Cord Retention Tray

#### PRODUCT CALLOUTS

1. AC Inlet
2. AC Outlets
3. Status Indicator
4. LCD Display Panel
5. Ethernet Port
6. ENVIROSENSOR/  
Daisy Chain (In) Port
7. USB Port
8. Serial Port
9. Daisy Chain (Out) Port
10. Select Button
11. Enter Button



PDU31005

#### TECHNICAL SPECIFICATIONS

| Model Name                                       | PDU31004   | PDU31005                 | PDU31414                  | PDU31406                  |
|--|--|--------------------------|---------------------------|---------------------------|
| <b>Input</b>                                     |  |                          |                           |                           |
| Nominal Input Voltage (Vac)                      | 100 - 240  | 100 - 240                | 200 - 240                 | 200 - 240                 |
| Input Frequency (Hz)                             | 50 / 60  | 50 / 60                  | 50 / 60                   | 50 / 60                   |
| Maximum Input Current (A)                        | 10(CE), 12(UL)   | 16                       | 16(CE)                    | 32(CE)                    |
| Input Connector Type                             | IEC C14 x 1  | IEC C20 x 1              | IEC 60309 16A x 1         | IEC 60309 32A x 1         |
| Power Cord Length (m.)                           | 3.05   | 3.05                     | 3.05                      | 3.05                      |
| <b>Output</b>                                    |  |                          |                           |                           |
| Over Current Protection (Each Bank) (A)          | -  | -                        | -                         | 20                        |
| Outlets - # of Bank(s) (Bank)                    | 1  | 1                        | 1                         | 2                         |
| Outlet(s) - Total                                | 8  | 8                        | 20                        | 42                        |
| Outlet(s) - Front                                | 8  | 8                        | 20                        | 42                        |
| Outlet Type                                      | IEC C13 x 8  | IEC C13 x 8              | IEC C13 x 18, IEC C19 x 2 | IEC C13 x 36, IEC C19 x 6 |
| <b>Management &amp; Communications</b>           |  |                          |                           |                           |
| LCD Information Display                          | Input Voltage (Volts), Input Frequency (Hz), Current Level (Amps), Power Consumption (Kilowatts), Network Information, Serial Number, Environment Status, Hardware Version, Firmware Version |                          |                           |                           |
| LED Indicators                                   | PDU Status, Tx/Rx, Link  |                          |                           |                           |
| Environmental Sensor Supported                   | Yes  | Yes                      | Yes                       | Yes                       |
| Power Management Software                        | PowerPanel® Business Edition   |                          |                           |                           |
| Supported Protocols                              | IPv4/v6, SNMPv1/v3, HTTP/HTTPS, TCP/IP, UDP, DHCP, NTP, DNS, SMTP, SSH, SSL, TLS, Telnet, FTP, and Syslog  |                          |                           |                           |
| Authentication                                   | RADIUS, LDAP, LDAPS, Windows AD  |                          |                           |                           |
| <b>Physical</b>                                  |  |                          |                           |                           |
| Installed Rack Height (U)                        | 1  | 1                        | 0                         | 0                         |
| Cord Retention Tray                              | Yes  | Yes                      | Yes                       | Yes                       |
| IEC Receptacle Locking                           | Yes  | Yes                      | Yes                       | Yes                       |
| <b>Physical Size</b>                             |  |                          |                           |                           |
| Dimensions (WxHxD) (mm.)                         | 433 x 44 x 112   | 433 x 44 x 112           | 56 x 902 x 48             | 56 x 1665 x 48            |
| Weight (kg.)                                     | 1.9  | 1.9                      | 5.6                       | 5.1                       |
| <b>Environmental</b>                             |  |                          |                           |                           |
| Operating Temperature (°C)                       | 0 - 55   | 0 - 55                   | 0 - 55                    | 0 - 55                    |
| Operating Relative Humidity (Non-condensing) (%) | 0 - 95   | 0 - 95                   | 0 - 95                    | 0 - 95                    |
| <b>Certifications</b>                            |  |                          |                           |                           |
| Certifications                                   | CE, FCC Class A, UL60950   | CE, FCC Class A, UL60950 | CE, FCC Class A           | CE, FCC Class A           |
| Cisco Compatibility                              | Yes  | Yes                      | Yes                       | Yes                       |
| RoHS   | Yes  | Yes                      | Yes                       | Yes                       |

#All specifications are subject to change without notice.

