

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

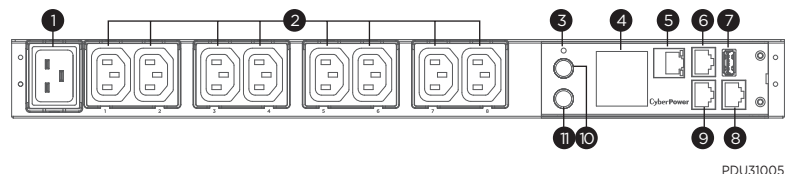
- Office
- Server room
- Factory
- Surveillance systems
- Networking devices
- Satellite devices
- Workstations
- Back office
- Data center
- Security systems
- Telecom devices
- NAS/Storage devices
- Multimedia devices

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
- 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
Input				
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
Output				
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
Management & Communications				
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			
Physical				
Installed Rack Height (U)	1	1	0	0
Cord Retention Tray	Yes	Yes	Yes	Yes
IEC Receptacle Locking	Yes	Yes	Yes	Yes
Physical Size				
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
Environmental				
Operating Temperature (°C)	0 - 55	0 - 55	0 - 55	0 - 55
Operating Relative Humidity (Non-condensing) (%)	0 - 95	0 - 95	0 - 95	0 - 95
Certifications				
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.



PDU31101/PDU31102
PDU31106/PDU31114

RELIABLE POWER DISTRIBUTION WITH OUTLET MONITORING

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APPLICATION

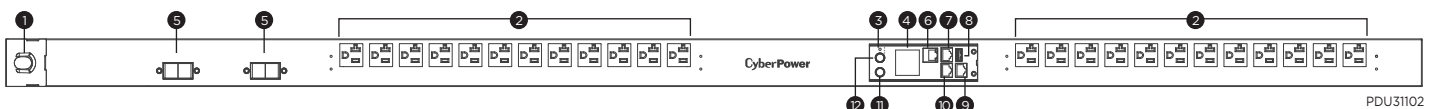
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- Server room
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- Surveillance systems
- Networking devices
- Satellite devices
- Workstations
- Back office
- Data center
- Security systems
- Telecom devices
- NAS/Storage devices
- Multimedia devices

SERIES FEATURES

- Real-Time Local/Remote Monitoring
- Ultra Low Power Consumption
- User Configurable Color LCD
- Rotatable LCD for Proper Display Orientation
- Changeable Power Cord Direction
- Support Daisy Chain Function
- Firmware Upgrade via USB
- Work under High Temperature
- Cord Retention Tray

PRODUCT CALLOUTS

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



TECHNICAL SPECIFICATIONS

Model Name	PDU31101	PDU31102	PDU31106	PDU31114
Input				
Nominal Input Voltage (Vac)	100 - 120	100 - 120	200 - 240	200 - 240
Input Frequency (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
Maximum Input Current (A)	16A UL (Derated)	24A UL (Derated)	24A UL (Derated)	16A UL (Derated)
Input Connector Type	NEMA (L)5-20P (Adapter)	NEMA L5-30P	NEMA L6-30P	NEMA L6-20P
Power Cord Length (ft/m)	10/3.05	10/3.05	10/3.05	10/3.05
Output				
Over Current Protection (Each Bank) (A)	-	20A	20A	-
Outlets - # of Bank(s) (Bank)	1	2	2	1
Outlet(s) - Total	24	24	42	20
Outlet(s) - Front	24	24	42	20
Outlet Type	NEMA 5-20R	NEMA 5-20R	36 IEC C13/ 6 IEC C19	18 IEC C13/ 2 IEC C19
Management & Communications				
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			
Physical				
Installed Rack Height	0U	0U	0U	0U
Cord Retention Tray	Yes	Yes	Yes	Yes
IEC Receptacle Locking	-	-	Yes	Yes
Physical Size				
Dimensions (WxHxD) (mm.)	1665 x 56 x 48	1665 x 56 x 48	1665 x 56 x 48	902 x 56 x 48
Weight (kg.)	6	6.8	5.6	4.1
Environmental				
Operating Temperature (°C)	0 - 60	0 - 60	0 - 60	0 - 55
Operating Relative Humidity (Non-condensing) (%)	0 - 95	0 - 95	0 - 95	0 - 95
Certifications				
Certifications	FCC Class A, UL60950	FCC Class A, UL60950	FCC Class A, UL60950	FCC Class A, UL60950
Cisco Compatibility	Yes	Yes	Yes	Yes
RoHS	Yes	Yes	Yes	Yes

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