
PE4104

4-Outlet Eco PDU Power Controller



Engineered to be an intelligent power distribution solution, the PE4104 Eco [PDU](#) Power Controller ships with 4 power outlets in an IEC/NEMA socket configuration. It provides secure, centralized, intelligent, and remote power management of [data center](#) IT equipment to minimize the operating cost.

The PE4104 features the remote power control function, allowing you to control devices attached to the [PDU](#) at the [PDU](#) device level from practically any location via a TCP/IP connection. The power sequence design eliminates the risks for a power inrush to guarantee reliable operation and protects the overall system health. With the support for [eco DC](#) software, it provides an easy method for managing multiple devices, offering an intuitive and user-friendly Graphical User Interface that allows you to configure a [PDU](#) device and reboot the device in case any equipment lock-up occurs. The administrators can switch on/off or set a delay time for each power outlet or individual power outlets group whenever, wherever.

The PE4104 boasts a slim, compact form factor and supports desk mount as well as rack mount, ensuring easy installation in confined spaces. It is a smart power control box tailored for hospitality or retail applications, such as digital signages and video walls, for edge computing devices, including routers, servers and cameras, or for any [data center](#) environments where there is no need to keep the servers powered on at all times.

Features

- **Power Distribution**
 - Space saving slim form factor
 - IEC / NEMA power outlet
 - Separates power for the unit's own power and its power outlets – user interface is still accessible even when an overload condition trips the device's circuit breaker
- **Remote Access**
 - Remote power control via TCP/IP and a built in 10/100 Ethernet port
 - Network Interfaces: TCP/IP, UDP, HTTP, HTTPS, SSL, SMTP, ARP, NTP, DNS, SNMP V1&V2&V3, auto sense, Ping, Telnet, Modbus (Over TCP IP)
 - Works with web-based [eco DC](#) software
 - [Supports IMAP and POP3 email protocols – enables users to switch on / off PE4104's outlets via E-mail](#)
 - [Schedule control](#)
- **Operation**
 - Local and remote power outlet control (On, Off, Power Cycle) by individual outlets
 - Power-on sequencing – users can set the power on sequence and delay time for each port to allow equipment to be turned on in a proper order
 - Easy setup and operation via a browser-based user interface
 - [Receives the heartbeat signals of its connected devices from PMonitor regularly to ensure their normal operation and reboots them when no signal is being sent to it](#)
 - Outlet lock functionality – use of the front panel Power Control Button for the outlet can be disabled to prevent inadvertent button presses
- **Security**
 - Two-level password security
 - Strong security features include password protection and advanced encryption technologies – TLS1.2
 - Remote authentication support: RADIUS

Specifications

Function	PE4104A	PE4104G
Electrical		
Nominal Input Voltage	100-120 VAC	100 – 240 VAC
Maximum Input Current	15A(Max), 12A(UL de-rated)	10A(Max)
Input Frequency	50-60 Hz	50-60 Hz
Input Connection	NEMA 5-15P	IEC C14
Input Power	1800VA(Max) 1440VA(UL de-rated)	2400VA(Max)
Outlet Type	(4) NEMA 5-15R	(4) IEC 320 C13
Nominal Output Voltage	100-120 VAC	100 – 240 VAC
Maximum Output Current (Outlet)	15A(Max), 12A(UL de-rated)	10A(Max)
Maximum Output Current (Bank)	15A(Max), 12A(UL de-rated)	10A(Max)
Maximum Output Current (Total)	15A(Max), 12A(UL de-rated)	10A(Max)
Breakers	Yes(UL1077)	Yes(UL1077)
Metering	No	No
Outlet Switching	Yes	Yes
Power Consumption	AC110V:3.1W:20BTU/h AC220V:3.5W:22BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.	AC110V:3.1W:20BTU/h AC220V:3.5W:22BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Physical Properties		
Dimensions (L x W x H)	20.00 x 12.81 x 4.40 cm (7.87 x 5.04 x 1.73 in.)	20.00 x 12.81 x 4.40 cm (7.87 x 5.04 x 1.73 in.)
Weight	0.90 kg (1.98 lb)	0.90 kg (1.98 lb)
Power Cord Length	3m	3m
Environmental		
Temperature (Operating / Storage)	0 – 50°C / -20 – 60°C	0 – 50°C / -20 – 60°C
Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing	0 – 80% RH, Non-Condensing
Compliance		
EMC Verification	FCC Class A	CE-EMC
Safety Verification	By request	CE-LVD
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	

Diagram

