

PDU eXpert



kWh Monitored PDUeX-KWM-16A-08H



PDUeX-KWM-16A-08H: allows an administrator to monitor PDU power information including Voltage, Frequency, Power Factor, Active Power, Apparent Power and kWh on Daily, Weekly, and Monthly & Yearly Power Consumption Data.

The PDUeX Monitored PDU provides current consumption information through web and local current meter. When current consumption over the pre-set threshold, PDUeX can send mail and trap to given account instantly and automatically to prevent damage occur. Users can access and configure, control **PDUeX Monitored** PDUs via secure Web, SNMP Interfaces and comes with PDUeX PDU Management software that allow IT Manager to control multiple PDU.

Features:

- ◆ Circuit Breaker Protection
- ◆ Local LED Displays Amps, IP Address, Temperature or Humidity
- ◆ Daily, Weekly, Monthly & Yearly Power Consumption Data by utility
- ◆ Current, Temperature and Humidity Threshold Sensing
- ◆ SSL Web Browser (Https) for Set Up and Operation
- ◆ Remote Total PDU Power Monitoring
- ◆ Protocols such as: HTTP, HTTPS, SNMP, DHCP, UDP.

Key Features :

- ◆ User Defined Alarm Thresholds for Warning and Overload
- ◆ Total Power Monitoring
- ◆ Receive SNMP alerts when power or environmental conditions exceed thresholds
- ◆ Alarm Notification via Email, SNMP, Syslog, LED or Audible Alarm.
- ◆ SNMP Support.
- ◆ True RMS Current Metering & Reporting
- ◆ Energy information including Voltage, Frequency, Power Factor, Active Power, Apparent Power and kWh provide.



PDUeX-KWM-16A-08H

Warranty: Two years. In addition, PDU eXpert offers optional two years extended warranty. Contact your reseller



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FEATURES	
Current Meter	Digital True RMS Current Meter, Voltage, Frequency, Power Factor, Active Power, Apparent Power, Total kWh, Sub-total kWh.
Power Monitoring	Total Power Monitoring by Meter, Web, SNMP Free PDUeX PDU Management Software
Protocols	Http, Https, SNMP, DHCP,UDP
Alarm Thresholds	User-Defined Alarm Thresholds for Warning and Overload
Event Alert	Email, Trap, Audible Alarm
GENERAL SPECIFICATION	
Output Socket	(8) IEC320 C13
Input Connector	(1) IEC 320 C20 Inlet; Enclosed IEC320 C19 to C20 Power Cord 3 Meters long
Protection	(1) 16AMP Circuit Breaker
COMMUNICATION	
SSL Indication	(1) Yellow LED
DHCP Indication	(1) Green LED
Network	(1) RJ45 for Ethernet
Current Meter	3 Digits Seven Segments for True RMS Meter Range: 0A ~ 20 A Resolution: 0.1A Precision: +/-2%/+/-0.1AMP
POWER INFORMATION PRECISION	
Voltage	+/- 1% @50V~270V
Active Power	+/- 1% @50W~5000W
Apparent Power	+/- 1% @50VA~5000VA
Frequency	+/- 1% @45~65Hz
Power Factor	+/- 0.02 @0.5~1.0
KWh INFORMATION PRECISION	
KWH	0.001kWh~99999.999kWh (+/- 1% @50W~5000W) kh=1.0
OPERATION	
Nominal Input Voltage	230V
Output Voltage	200V ~ 240V full range
Frequency	50/60HZ full range
Max.Output Current	16Amp
Temperature	0 ~ 40 Celsius degree
Humidity	0% ~ 90%
Size	125 x 432 x 44 mm
Weight	2.5 kg
Regulatory Approvals	 

PDUeX kWh Series list of models

PDUeX kWh Series	Description
PDUeX-KWM-16A-08H	Rack PDU 1U 16A 230V IEC320 C20 Plug (8)C13 Outlet
PDUeX-KPOM-16A-08H	Rack PDU 1U 16A 230V IEC320 C20 Plug (8)C13 Outlet
PDUeX-KSW-16A-8H	Rack PDU 1U 16A 230V IEC320 C20 Plug (8)C13 Outlet