

# PDU eXpert



## Switched Series PDUeX-SW-16A-08H



PDUeX Switched PDU series give the necessary flexibility that allow Datacentre Managers to remotely control and monitor PDU's. Remote outlet level controls allow power on/off functionality for power recycling and restart locked-up IT equipment and to avert wrongfully use of individual outlets. Current-meter (True RMS) that shows the total power consumption of the PDU and provides real-time remote monitoring of connected servers. Power sequencing defined, allowing users to specify the structure in which to power On/Off any connected equipment. User-Defined Alarm, thresholds for Warning of potential circuit overloads before significant IT hitch appear. Users can access, configure, and control PDUeX-SW-16A-08H PDUs through secure Web, SNMP Interfaces and comes with PDUeX PDU Management software that allow IT Manager to control multiple PDU.

### Features:

- Reboot server with one command.
- Receive SNMP alerts when power or environmental conditions exceed thresholds.
- Built-in web server, manager can in real time monitors the current consumption of the power strip.
- Build-in true RMS current meter.
- Setup easily, meter can read the IP address of the PDU directly.
- PDU management web portal supports SSL encryption.
- Provides an audible alarm when power consumption exceeds user defined thresholds.
- Sends email and traps when the power consumption exceed the thresholds or overload to the PDU.

### Key Features :

- Power Monitoring: Total Power Monitoring
- Protocols: Http, Https, SNMP, DHCP, UDP
- Provide utility to monitor a large number of PDU simultaneously.
- Support the SNMP and provide MIB for the PDU to be monitored by NMS.
- Provides power protection by the circuit breaker.
- Ability to control each outlets of PDU in real time, remote outlet power on/off
- Active outlets and circuit status indicated with visual LED.
- Ability to sequentially power up or power down devices attached.
- Optional accessorise can be added to support temperature and humidity detection.



**PDUeX-SW-16A-08H**

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

**PDU Expert UK Ltd**, 11B The Cheries, Slough SL2 5TS United Kingdom

Tel: +44 (0) 1753 535 991

Fax: +44 (0) 1753 532 278

[info@pduexpertuk.com](mailto:info@pduexpertuk.com)

[www.pduexpertuk.com](http://www.pduexpertuk.com)



FEATURES	
<b>Current Meter</b>	Digital True RMS Current Meter
<b>Power Monitoring</b>	Remote Total Power Monitoring by Meter, Web, SNMP Free PDUeX PDU Management Software
<b>Protocols</b>	Http, Htpps, SNMP, DHCP,UDP
<b>Outlet Control</b>	Individual Outlet Control
<b>Power Delay</b>	Power on/off Sequence can be Defined
<b>Alarm Thresholds</b>	User-Defined Alarm Thresholds for Warning and Overload
<b>Event Alert</b>	Email, Trap, Audible Alarm
GENERAL SPECIFICATION	
<b>Output</b>	(8) IEC320 C13
<b>Input</b>	(1) IEC320 C20 Inlet; Enclosed IEC320 C19 to C20 Power Cord 3 Meters long
<b>Protection</b>	(1) 16AMP Circuit Breaker
COMMUNICATION	
<b>SSL Indication</b>	(1) Yellow LED
<b>DHCP Indication</b>	(1) Green LED
<b>Output Status</b>	(8) Red LED
<b>Network</b>	(1) RJ45 for Ethernet
<b>Current Meter</b>	3 Digits Seven Segments for True RMS Meter Range: 0A ~ 20 A Resolution: 0.1A Precision: +/-2%/+/-0.1AMP
OPERATION	
<b>Nominal Voltage</b>	230V
<b>Voltage</b>	200V~240V full range
<b>Frequency</b>	50/60HZ full range
<b>Max.Output Current</b>	16 Amp
<b>Temperature</b>	0~40 Celsius degree
<b>Humidity</b>	0~90%
<b>Size</b>	90 x 432 x 44 mm
<b>Weight</b>	3.5 kg
<b>Regulatory Approvals</b>	UL 60950-1, UL Listed, CSA, cUL Listed, CB by UL CE, EN 55022 Class A, EN 55024,EN 61000-3-2,EN 61000-3-3 C-Tick AS/NZS CISPR 22: 2006



### Switched SERIES list of models

PDUeX Switched Series	Description
<b>PDUeX -SW-32A-08H</b>	Rack PDU 1U 32A 230V IEC320 C20 Inlet (8)C13 Outlets
<b>PDUeX -SW-16A-02H</b>	Rack PDU 1U 16A 230V IEC320 C20 Inlet (2)C13 Outlets
<b>PDUeX-SW-16A-08H</b>	Rack PDU 1U 16A 230V IEC320 C20 Inlet (8)C13 Outlet
<b>PDUeX -SW-16A-8Hcl</b>	Rack PDU 1U 16A 230V IEC320 C20 Plug (8)C13 Outlets with clamb
<b>PDUeX-SW-16A-08HF</b>	Rack PDU 1U 16A 230V IEC320 C20 Plug (8) Type F Schuko Outlets
<b>PDUeX-SW-16A-16V</b>	Rack PDU 0U 16A 230V IEC320 C14 Plug (14)C13 (2) C19 Outlets
<b>PDUeX-SW-16A-24V</b>	Rack PDU 0U 16A 230V IEC320 C20 Plug (21)C13 (3)C19 Outlets
<b>PDUeX-SW-32A-16V</b>	Rack PDU 0U 32A 230V IEC309 Plug (12)C13 (2)C19 Outlets
<b>PDUeX-SW-32A-24V</b>	Rack PDU 0U 32A 230V IEC309 Plug (21)C13 (3)C19 Outlets
<b>PDUeX-SW3Ph-16A-24</b>	Rack PDU 0U 16A 400V IEC309 Plug (21)C13 (3)C19 Outlets
<b>PDUeX-SW3Ph-32A-24</b>	Rack PDU 0U 32A 400V IEC309 Plug (21)C13 (3)C19 Outlets