

## Model Name:

### Elite Monitored PDU **Adv.**

Elite Monitored PDU provides user to monitor the total power usage information of PDU from the remote end through the Internet to fully understand the power consumption of all the devices. Set up overload event alerts and notify managers via Email and TRAP, allowing managers to respond to crises in the shortest possible time to minimize disasters.

The PDU has environmental sensor ports that track climate information: temperature and humidity environment variables. The data is available from any web browser and is SNMP-compliant for easy tracking of critical data without the use of any external software.

Provide central management software, which can manage a large number of PDUs' power, temperature and humidity information. The database stores the power consumption information of the power strip and provides the history curve chart for the manager's reference.

It provides an advanced function which is to manage up to 8 PDUs by a single IP address. It means administrators can monitor and control multiple PDUs through one web interface.

## Features:

### System Function:

- **Embedded system:**  
Support Ethernet interface, provides webpage and SNMP remote management.
  - **Local display information:**  
OLED can display current, voltage, kWh, IP, temperature and humidity information.
  - **Multiple protocols:**  
Support ICMP, ARP, IP, TCP, UDP, DHCP, HTTP, HTTPS, FTP, NTP, SNMP v1/2/3, TLS1.3, IPv4 and IPv6, Telnet, SSHv2
  - **Management Account Certification:**  
Radius certification support.
  - **Multi-account management:**  
Multi-group account management system. And provide three-tier permission management.
  - **IP filtering:**  
Support IP filtering, improve network security mechanisms.
  - **Power record:**  
Store up to 100000 power and event data.
  - **Daisy Chain:**  
Support cascading management
  - **Hot-Swap:** the replacement of network module without shutting down the PDU
  - **Remote firmware upgrade:**  
Provides remote firmware upgrade mechanism.
  - **System operation message:**  
Send the normal operation of the message automatically by trap.
  - **Hardware key definition:**  
User-definable button function.
  - **Temperature unit conversion:**  
Temperature units can choose Celsius or Fahrenheit
  - **System configuration restore:**  
Support the output of the system settings, to easily deploy a large amount of the same model of PDU.
  - **Multilingual Support:**  
Support Chinese, English, French, German, Spanish, Russian, Czech, Arabian, Persian.
  - **USB Option:**  
Support external USB network card, support wireless network
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**Power Management:**



REMOTE MONITOR

**Remote Monitor**

Remote monitoring PDU status by web and SNMP



KWH MEASUREMENT

**kWh Measurement**

Voltage, frequency, power factor, active power, apparent power and kWh measurement.



CURRENT MEASUREMENT

**Current Measurement**

Measure PDU total current consumption.



MAIL NOTIFICATION

**Mail Notification**

Notify specified user by mail and SNMP when outlet action or current over threshold.



THRESHOLD SENSING

**Threshold Sensing**

User-definable warning and overload threshold value as the basis for alarm.



EVENT ALERT

**Event Alert**

When current exceeds the preset threshold, PDU will beep and LED will flash.



OVERLOAD PROTECTION

**Overload Protection**

When overload, circuit breaker will automatically trip to protect the safety of electricity.



CENTRAL MANAGEMENT

**Central Management**

Free centralized monitoring software, real-time monitoring of a large number of PDU, provide data records and history chart.



ENVIRONMENT DETECTION

**Environment Detection**

Optional accessory probe to detect temperature and humidity.



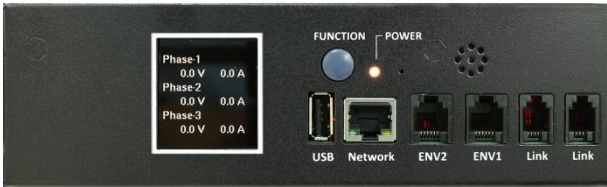
Breaker Detection

**Circuit Breaker Detection**

PDU can detect whether breaker is tripped due to the power event. Display and notify the manager of breaker status accordingly

## Model Number:




**PEL-1640C-42N3**





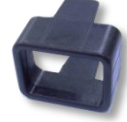
## Specification

<b>Output</b>		<b>Input</b>	
Voltage	200-240 VAC	Voltage	400 VAC, 3 Phase 3P+N+PE
Max. Current	16 A, Per phase	Frequency	50/60Hz, full range
Outlet	(36) C13, (6) C19	Max. Capacity	11 kVA
Overload Protection	(3) 16A UL489 breaker	Connection	IEC309, power cord, 3m
		Status Ind.	(1) Red LED
<b>Measurement</b>		<b>Other</b>	
Current	+/- 1%+/-0.1A @0.2A ~ 32 A	ENET Connection	(1) RJ45
Voltage	+/- 1% +/- 1V @80V~250V	ENV Connection	(2) RJ11
Active Power	+/- 1% +/- 5W @50W~8000W	Function Selection	(1) Button
Apparent Power	+/- 1% @50VA~8000VA	Daisy Chain	(2) RJ22
Frequency	+/- 1% @50~65Hz	WIFI Ready	(1) USB
Power Factor	+/- 1% @0.1~1.0	Info. Display	Monochrome OLED
kWh	.001kWh~99999.999kWh, (+/- 1% @50W~8000W) kh=1.0		
<b>Dimension/Weight</b>		<b>Operation</b>	
Net Size	1778 x 56 x 80 mm	Operation Temp.	0 ~ 50°C
Net Weight	7.5 kg	Operation Humid.	0% ~ 95% RH
Package Size	1890 x 220 x 110 mm	Storage Temp.	-20°C ~ 65°C
Package Weight	8.7 kg	Storage Humid.	0% ~ 95% RH
<b>Approval</b>			
Certification	CE		
Warranty	2 years		

## Package

No.	Description
1	PDU 1 set
2	Rack mount accessories 2 sets 
3.	RJ11 to RJ11 cable for daisy chain, 2 sets 
4	Software, manual, MIB by link below 

## Optional Accessory

Model Number	Model Name
CPM-ENV-2	Temp./Humidity probe 
STR-C14-B	C13 socket protection 
STR-C20-B	C19 socket protection 
CPM-USB-1	USB WIFI Dongle

## Line Drawing

