

Model Name:

ON-Site Intelligent PDU

The ON-Site Intelligent PDU is an advanced power management solution that integrates both local manual control and remote intelligent control via network, offering highly flexible and adaptable power control for a wide range of application scenarios.

Whether for daily operations, emergency response, or use in specialized environments, users can choose the most suitable mode of control based on real-time needs. This greatly enhances the system's availability, operational safety, and control flexibility.

The PDU supports remote operation via a web interface or mobile device, allowing users to monitor and control each outlet individually in real time. At the same time, the unit retains complete local manual switching capability, enabling on-site personnel to operate power controls even in offline or maintenance conditions. This dual-mode design significantly improves user friendliness, fault tolerance, and operational agility.

For enterprise customers who demand high availability, robust security standards, and uninterrupted system uptime, this hybrid intelligent power management approach not only helps reduce maintenance costs, but also plays a critical role in ensuring operational stability and business continuity.

Features:

System Function:

- Embedded system:
Support 10/100M Ethernet interface, provides webpage and SNMP remote management.
 - Local display information:
Seven-segments can display IP address and temperature and humidity values.
 - Multiple protocols:
Support ICMP, ARP, IP, TCP, UDP, DHCP, HTTP, HTTPS, FTP, NTP, SNMP v1/2/3, TLS1.2, 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.
 - Event record:
Store up to 100000 event data.
 - 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.
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Power Management:**Remote Control**

Remote per outlet on/off by web and SNMP.

**Local Control**

Users can control the power output locally

**Power Sequence**

User-definable power on/off sequence time.

**Mail Notification**

Notify specified user by mail and SNMP when outlet action.

**Ping Event Control**

When the specified IT device does not respond to PING, the output will perform a preset power action.

**Schedule Control**

Timed & scheduled on/off/reboot control.

**Group Control**

Set multiple outlets as a single group while controlling the power output.

**Event Reaction**

Outlet action via pre-set event, including environment event and receiving trap from other device.

**Environment Measurement**

Optional accessory probe-ENV to measure temperature and humidity.

Model Number:

NPD-162HK-08N1



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	200-240 VAC
Max. Current	16 A	Frequency	50/60Hz, full range
Outlet	(8) C13	Max. Capacity	3840 VA
ON/OFF Ind.	(8) Green LED	Connection	C19 Detachable Power cord
Manual Switch	(8) Button	Circuit Ind.	(1) Red LED
Dimension/Weight		Other	
Net Size	432 x 148 x 44.5 mm	ENET Connection	(1) RJ45
Net Weight	3.0 kg	ENV Connection	(2) RJ11
Package Size	505 x 210 x 90 mm	Function Selection	(1) Button
Package Weight	3.3 kg	DHCP Ind.	(1) Green LED
Approval		SSL Ind.	(1) Blue LED
Approval	CE, FCC	Info. Display	4 digits of 7 Segments
Warranty	2 years	Operation	
		Operation Temp.	0 ~ 50°C
		Operation Humid.	0% ~ 90% RH
		Storage Temp.	-20°C ~ 65°C
		Storage Humid.	0% ~ 90% RH

Package

No	Description
1	PDU 1 set
2	Rack mount accessories 1 set
	
3	C19 to C20, power cord 3m
	
4	Manual, MIB by link below
	

Optional Accessory

Model Number	Model Name
CPM-ENV-2	Temp./Humidity probe



Line Drawing

