

## 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.

**kWh Measurement**

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

**Overload Protection**

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

**Remote Monitor**

Remote monitoring PDU status by web and SNMP

**Threshold Sensing**

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

**Environment Measurement**

Optional accessory probe-ENV to measure temperature and humidity.

**Event Alert**

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

## Model Number:

**WSK-1623K-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         | C20, Detachable Power cord |
| Overload Protection | (1) 16A UL1077 breaker                           | Power Ind.         | (1) Red LED                |
| Manual Switch       | (8) Button                                       |                    |                            |
| Measurement         |                                                  | Other              |                            |
| Current             | +/- 1%+/-0.1A @0.2A ~ 32 A                       | ENET Connection    | (1) RJ45                   |
| Voltage             | +/- 1% +/- 1V @80V~250V                          | ENV Connection     | (1) 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 |                    |                            |
| Dimension/Weight    |                                                  | Operation          |                            |
| Net Size            | 432 x 148 x 44.5 mm                              | Operation Temp.    | 0 ~ 50°C                   |
| Net Weight          | 2.7 kg                                           | Operation Humid.   | 0% ~ 95% RH                |
| Package Size        | 505 x 210 x 90 mm                                | Storage Temp.      | -20°C ~ 65°C               |
| Package Weight      | 3 kg                                             | Storage Humid.     | 0% ~ 95% RH                |
| Approval            |                                                  |                    |                            |
| Certification       | CE                                               |                    |                            |
| Warranty            | 2 years                                          |                    |                            |

Package

| No | Description                         |
|----|-------------------------------------|
| 1  | PDU 1 set                           |
| 2  | Rack mount accessories 1 set        |
| 3  | Power cord, C19 to C20, 3 m         |
| 4  | Software, manual, MIB by link below |



Optional Accessories

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



Line Drawing

