PDUeX as standard
where others don't!!

The most innovative PDU on the market

Intelligent, Rack Mounted, Power Distribution Units

KWY PDU

KWY-N32A48C3-V3W_Yel
POPM PER OUTLET POWER METERING

- ✓ Monitor Each Sockets Current
- ✓ Control each outlets on/off
- ✓ Sequential power on/off
- ✓ User can define the sequence of order in which outlets will be switched on.
- ✓ Wifi enable
- ✓ Monitor the Total Current
- ✓ Monitor the Input Voltage
- ✓ Monitor the total kWh
- ✓ Power Factor Recognition
- ✓ Monitors Input & Output Voltage
- ✓ 48 IEC C13 Lockable outlets 55°C Hot Rack Operating
- ✓ SMS, SNMP, DHCP & Email
- ✓ Notification Built in Environmental Monitoring Technology as Standard
- ✓ Up to 6, Plug 'n' Play Sensors
- ✓ Bade Server Ready
- ✓ Dry Connector for Audible Alarms
- ✓ Intelligent Outlet Type & number Recognition
- ✓ 24V and 48, Single Phase 120V, 230, & 400V

Humidity	Water Logging	Infrared Alarm	Door Alarm	Temperature	Smoke Alarm
Current Display	Energy Display	Voltage Display	E-mail Alarm	Web Browsing	Protocol
Daisy Chain	RS 485	Dry Connector	19" or Vertical	Each Port on/off	

Innovation in Intelligent Power

KWY
Remote Monitored PDU

KWY series is the new generaton of intelligent PDU. It combines network power distribution and environmental monitoring techonology; it provides real-time remote power consumption of total current load and voltage. Boot up a single or dual power server by clicking (On/Off). Re-boot server remotely by clicking the reset button in the PDU management software. As well as providing TCP/ IP protocol, KWY provides also Wifi Capability, for Smart phones, tablet computer and other mobile devices access. KWY POPM provides Total Power Monitoring, Outlet Power Switched and Outlet Power Metering. Provides Power information of individual outlet/port includes current, voltage, power (kW), apparent power and power factor. receive SNMP-based email alerts when power or environmental surroundings go above the thresholds. Assign access rights to user groups or individuals. KWY POPM products provide the necessary flexibility with embeded multithreading inner core (RTOS) Real time Operating systems)the software supports multitask and multisuser access. RTOS software supports also various TCIP/IP protocals, including HTTP, HTTPS, SNMP, TELNET, SSH, SMTP etc.

Socket Types

E-mail Alarm	Web Browsing	Protocol	Temperature
Humidity	Water Logging	Smoke Alarm	Infrared Alarm
Door Alarm	RS 485	Dry Connector	19" or Vertical
Current Display	Energy Display	Voltage Display	Each Port on/off

Vertical mounted (L x W x D)   1804 x 44.5mm x 44.5mm

A = length can be customized

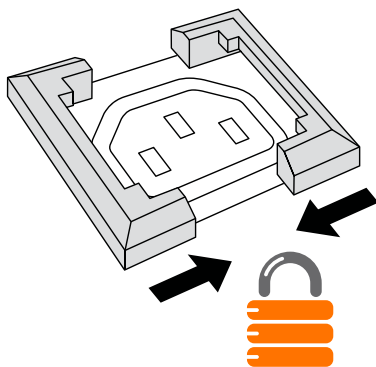| Items		Description	N1	N2	N3	N4
Monitor Functions	LED Display	Current Load of total pdu and per ports	✔	✔	✔	✔
		LED flashes when overload	✔	✔	✔	✔
		PDU Address, Version Number	✔	✔	✔	✔
	Managing software/Hyper Terminal	Total Current Load	✔	✔	✔	✔
		Monitors Current Load Per Ports	✘	✔	✘	✔
		Input Voltage	✔	✔	✔	✔
		Max. Voltage configured	✔	✔	✔	✔
		Max. Current configured	✔	✔	✔	✔
		Sensors state (optional)	✔	✔	✔	✔
Control Functions	PC Control	On/off of individual unit	✘	✘	✔	✔
		Power On /Off time setting	✘	✘	✔	✔
		Stay the same after restart	✘	✘	✘	✔
Accessing Method		RS 485 port	✔	✔	✔	✔
Daisy-chain ways		Serial and radiation connection	✔	✔	✔	✔

KWY-N32A24P24C3-V3W

KWY POPM provides:
1. Total Power Monitoring,
2. Outlet Power ON / OFF and Outlet Power information of individual oulet/port includes(current, voltage, power (kW), apparent power and power factor)
3. Total 11 interfaces (NET & RS232, Cascade, USB, SI 1-6) 4. Auto Power Alarm. Hot-swappable NETWORK Card
5- Optional 3Phase Power supply
6 Embedded remote management systems, supports various TCP/IP protocols, including: HTTP, SSL, SNMP V1,V2 & V3, TELNET, SSH,SMTP, NTP

Provides: Sensors recognition, Ability to cascade up to 4units, Monitor the total current, Monitor the total kWh, and Monitor the input voltage.

It offers: Monitor only PDU Power consumption, Switchable,   Power factor recognition, Monitor the input voltage, 24   x lockable IEC C13.
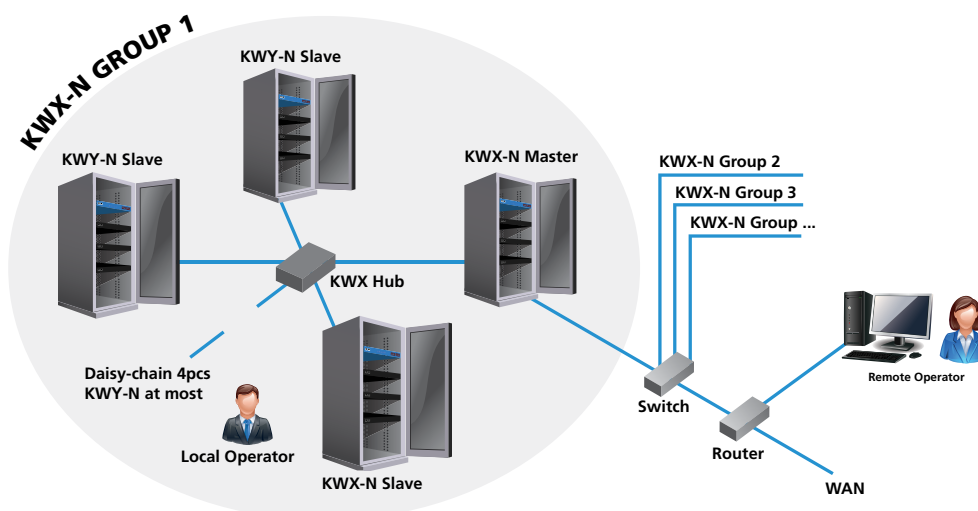
Optional: Temperature and humidity, Smoke alarm, Water logging alarm, Rack Door alarm

Radiation Connection

KWY-N32A24P24C3-V3W

Part number	KWY-N32A24P24C3-V3W
Product series	KWY series 3
Product Size	W x D x H = 1804mm x 44.45 mmx44.45
Mounting length	465 mm

Case color	Black
Net Weight	6.5KG
Socket type Output	24 x Lockable IEC-C13
Socket Power Input	IEC-320 C20 32A

Function		Illustration	Parameter	Note
Working voltage		Normal working	AC90~250V	
Input/output current		Max input/output current	16A 10A	
Working band		Under normal working	47~60Hz	
Access	Net port	Via WAN or LAN monitor access	10/100Mb Adaptive Networking	
	Serial port	Via Serial port monitor access	RS485 port	
	Sensor port	Sensors access	RS485 port	
Access way	HTTP/HTTPS	Web browser access	Adapt IE Fire fox inner core browser, support SSL;	
	TELNET	Simple command lines access	/	
	SSH	Encryption command lines access	Support SSHV2 version	
	SNMP	Support SNMP for centralized monitor	Adapt SNMP v1, V2	
Operation system compatibility		Support various operation system	Windows/winsta/win7/linux etc.	
Secondary development		Used for system integrate	Opening protocol TELNET SSH	
		RS485	Customized protocol	
Software upgrade		Manage software load	Support manage software upgrade	
		Software on circuit	Support software upgrade on the circuit of hardware	
Alarm limit settings		Total current limit	Auto identify limit rationality	
		Temperature limit		
		Humidity limit		
Display, Indicate		Outlets indicators	Each outlets with a indicator	Optional
		6 digital indicators	Nixie tube show the current/voltage, inquiry products information, Alarm information;	
Menu button operation		Inquiry information	Inquiry product information, Alarm information, current etc.	
		On/off Alarm sound, Dry connect	Close/ open alarm sound and dry connect output, Dry connect have normal open/off two choice, passive, touch spot can connect 2A 250VAC	
Management		User right limit	Administrator, Normal user	
		Outlets grouping	Make group over PDU self sockets limit	
		clock synchronization	Regulate PDU system clock	
Log record		Alarm log	Alarm log circle, Inquiry, export, stock, delete available	

Category	Feature	Description	Optional
Control	Control each outlets on/off	Each outlet breaking capacity 16A 250VAC	Optional
	Sequential power on/off	The interval of sequential power off time: 0.5s, Sequential power on 1~250s, user-defined	
	Power status holding	When PDU restart power, Each outlets will remain the status before	
Monitor	Manage software load	Support manage software upgrade	
	Monitor the input voltage	Resolution:1V Accuracy: ±1%+1 digit Meter range: 90~350V	
	Monitor the total current	Resolution: 0.1A Accuracy: ±1%+1 digit Meter range: 0.1~40A	
	Monitor the total kWh	Resolution: 0.1KW·H Accuracy: 1 grade	
	Monitor Environment Temperature	Resolution: 1 Accuracy: ±1%+1 digit Meter range: -30~100	Optional
	Monitor Environment Humidity	Resolution: 1% Accuracy: ±1%+1 digit Meter range: 01~99%	Optional
	Monitor Environment Smoke	Max: 25 m² available	Optional
	Monitor water logging	Water logging or drop monitor	Optional
	Infrared monitoring	The max monitor distance: 16m	Optional
	Door open monitor	Min. 5mm open distance available	Optional
	Surge protection failure monitor	PDU still normal working when failure	Optional
Outlets alarm settings	Each fuse failure alarm	PS/PN series local alarm ways: PDU buzzer alarm, sound and light alarm, Dry connect; PN series remote alarm: E-mail, SMS, SNMP TRAP, WEB page notice, TELNET/SSH notice	Optional
	Total current over limit alarm		
	Temperature over limit alarm		Optional
	Humidity over limit alarm		Optional
	Smoke Alarm		Optional
	Water logging alarm		Optional
	Infrared enter alarm	KWX-N series remote alarm: E-mail, SMS, SNMP TRAP, WEB page notice,	Optional
	Door open alarm		Optional
	Surge protection failure alarm		Optional
Protection	Surge protection	Difference mode:±2kV Common mode ±2KV flux: 3KA The max discharge current: 5KA	Optional
	Each way with fuse	Breaking capacity : 1500A; Protect main line break, facility, power line suffering, Fuse range: 0.1~16A	Optional
	Circuit Breaker protection	Breaking capacity : 6000A	Optional
	Recoverable overload protector	Overload protection	Optional
Intelligent recognition	Outlets recognition	Automatic read the sockets type and numbers	
	Sensors recognition	Sensors port no need be defined, Automatic read the sensors type and numbers	
	Limit recognition	When over limit, setting failure	
	The MAX output current and PDU power	Help user to limit facilities connect number and type	
	Power factor recognition	Help user to know the current consuming apparatus	
Sensors in	1 ~ 8pcs same or different sensors connect in one PDU	Flexible sensor input, extend and choose, Customized for new sensors	Optional
Cascade chain	KWX-N with KWX-N Cascade	Directly connection via net cable; Via HUB 4 sets Cascade at most	
	KWX-N with KWX-S Cascade	Directly connection via net cable, 4 sets Cascade at most	

KWX Model Numbers

Please specify series by character highlighted in red and your model type in green
eg: KWX-N16A10C3-H1F

KWX-N/S16A8C3-H1/2/3/4F

KWX-N/S16A10C3-1/2/3/4

KWX-N/S16A8Schuko-1/2/3/4

KWX-N/S16A12C3-1/2/3/4

KWX-N/S16A12C3C94-1/2/3/4

KWX-N/S16A20C3C94-1/2/3/4

Bespoke Requests Custom build options

With our UK manufacturing capability PDUeX can build to your specifications
with our market leading 2 week turn round, including:

✓ Surge Protection and SMS SNMP Email Alarm

✓ Individually Fused Outlets

✓ Recoverable Overload protection

✓ Socket types & number

✓ 1u/2u Up to 72 outlets

✓ Modbus RS485

Please contact the PDUeX team for assistance:
Tel: 01823 662414
or email: info@pduexpertuk.com

KWX PDU SENSORS

Door Sensor

Infrared Sensor

Temperature/ Humidity Sensor

Smoke Sensor

Water Logging Sensor