

PROFESSIONAL PDU



HORIZON

Safewell Basic PDU Series

Safewell Basic PDU have modularized structure that can be manufactured according to customer's technical requirements.

Strictly designed according to international standard and have been awarded invention patent.

Internationally leading technology, original and novel structure, safe and reliable quality, easy installation and wide use.

Mainly applicable to 19" standard and nonstandard cabinet.

Input voltage is 110VAC, 220VAC and 380VAC, output voltage is 110VAC and 220VAC.

The maximum load current can reach 10-36A and above.

All Safewell PDU were checked one by one, Each series are all with CE and RoHS certification.



Features

- Horizontal 19" rack mountable, Vertical suitable for rack mounting.
- Left hand with different kinds power input.
- CE Approved.
- RoHS compliant.
- Various countries plug/socket types available, including: Britain, American, Germany, IEC, etc.
- Master on/off switch.
- Optional circuit breaker.
- Black plastic and aluminum body.

Model:SW-1U-8IEC13-K

Product Description

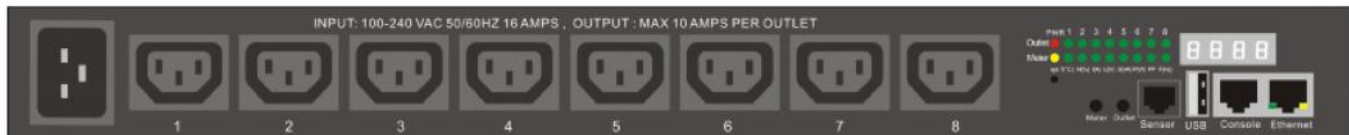
Technical	Size	19" * 1U
	Input current	16A
	Mounting method	Horizontally mounting to standard 19" cabinet
	Material	Aluminium alloy
	Color	RAL9005
	Cable size	2m*1.5mm ²
	Outlet connector	(8) IEC 320 C14 16A connector
	Input connector	ICE 320 C14 16A connector
	Control/ Protective	Control
	Others	One package contains 4pcs mounting screw sets

Specification

Outlet Options	NEMA-5-15; NEMA 5-20; IEC 320C13; IEC 320 C19; Schuko DIN49440; French NFC61-314; Italy universal; Denmark SB 107-2-D1; Switzerland SEV 1011; Israel SI32;South Africa INDIA SOCKET; Australia AS/NZS 3112
Control function Module	ON/OFF Switch; 1P circuit breaker; 2P circuit breaker;Power indicator; Overload protect module
Protective Function Module	Surge Protective Device; 3 lights Protective device; Voltage and current meter; Current meter.
Size(Width)	1U;1.5U
Input Power Options International	230V, 16A/32A; 110V 16A/32A
Material	Aluminum; SPCC;Plastic
Color	RAL9005
Maximum Outlets	Basic: 45
Maximum Operating Temp. Range	0°C to 55°C
Storage Temperature Range	-25°C to 85°C
Relative Humidity	5% to 95%
Mounting method	Toolless brackets; Universal Mounting bracket; Ability to ship rack PDU pre-installed in Safewell Racks
Agency Approvals	CE;RoHS
Parameters Measured	Volts, Current

SW Meter PDU

Model: SW-M-8IECC13



Features

- View parameters over remote IT assets from anywhere on earth;
- Outlet level power meter, including Current /Voltage /Apparent Power /Active Power /Power Factor /Frequency /Consumption with 1% precises;
- External environment sensor of temperature and humidity;
- Configurable thresholds, and send fault notification via email, SNMP trap and SYSLOG;
- Outlet level power cost, carbon emission and power saving calculation.;
- Users privilege management;
- Ethernet & console CLI management;
- Support HTTP, HTTPS, TELNET,SSH, SNMP etc, and service enable/disable;
- Support DHCP, NTP, SYSLOG, FTP, etc;
- Support NMS(Network Management Server) with topology, alerts, logs, privilege management and dashboards;
- Safely upgrade without interrupting power output;
- APP monitoring.

Electrical Specification

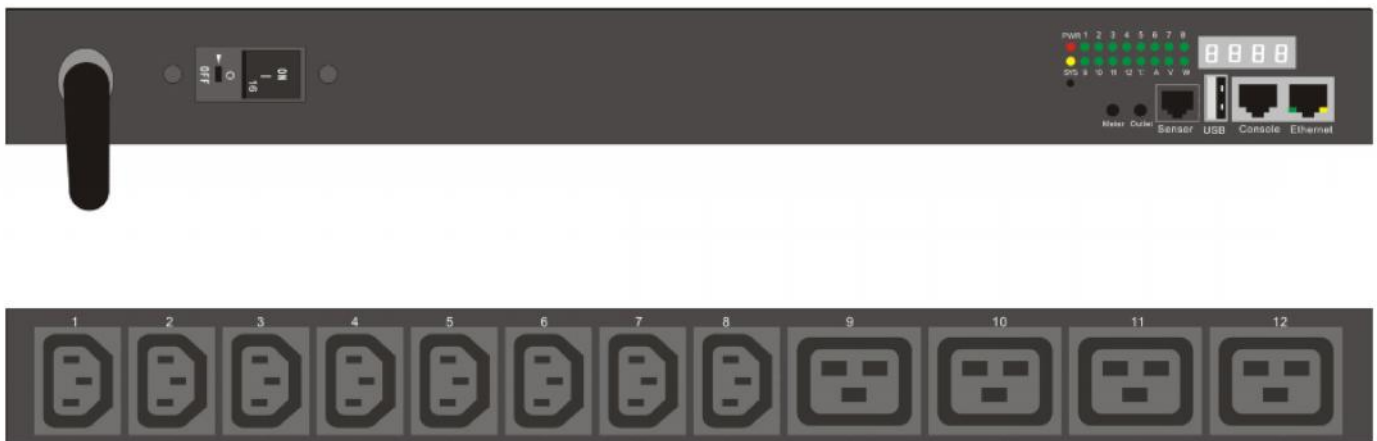
Input connector	IEC 320 C20 16A connector
Output connector	(8) IEC 320 C13
Overload protection	No breaker
Max output current (outlet)	10A IEC 320 C13
Max output current (Branch)	16A
Nominal input voltage	100 VAC ~ 240 VAC
Acceptable input voltage	± 10% of nominal voltage
Max Power	3.84kVA
Input Frequency	47-63Hz
Sensor Interface	RJ11
Console Interface	RJ45
Ethernet Interface	RJ45
Height	44.00 mm
Width	445.00 mm
Depth	139.00 mm
Net Weight	2.5 KG
Color	RAL9005

Range & Precise

	Working Range	Meter Range	Precise	Distinguishability
Temperature(°C)	0~55	0~70	±0.2°C	0.1
Humidity(%RH)	20~90	1~99	±2%RH	0.1
Current(A)	0~Rated	0.01~ Rated	±1%	0.001
Voltage(V)	100~240VAC	50~265VAC	±1%	0.1
Apparent Power (VA)	0~Rated	0~Rated	±1%	0.1
Active Power(W)	0~Rated	0~Rated	±1%	0.1
Power factor	0~1	0~1	±1%	0.001
Frequency(Hz)	50/60	47-63		
Power Consumption(kWh)			±1%	0.0001

SW Meter-Switch PDU

Model: SW-M-S-8IECC13-4IECC19



Features

- Power control over remote IT assets from anywhere on earth;
- Outlet level power meter, including Current /Voltage /Apparent Power /Active Power /Power Factor /Frequency /Consumption with 1% precises;
- External environment sensor of temperature and humidity;
- Configurable thresholds, and send fault notification via email, SNMP trap and SYSLOG;
- Outlet level power cost, carbon emission and power saving calculation.;
- Users privilege management;
- Ethernet & console CLI management;
- Support HTTP, HTTPS, TELNET,SSH, SNMP etc, and service enable/disable;
- Support DHCP, NTP, SYSLOG, FTP, SMTP, etc;
- Support NMS(Network Management Server) with topology, alerts, logs, privilege management and dashboards;
- Safely upgrade without interrupting power output;
- APP monitoring.

Electrical Specification

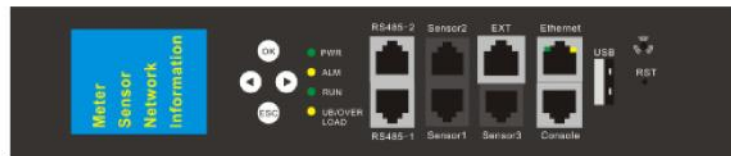
Input connector	IEC 309 P+N+E 16A connector
Output connector	(8) IEC 320 C13 +(4) IEC 320 C19
Overload protection	(1) 16-A 1P breaker
Max output current (outlet)	10A IEC 320 C13, 16A IEC 320 C19
Max output current (Branch)	16A
Cord length	2.0m 2.5mm ² *3
Nominal input voltage	100 VAC ~ 240 VAC
Acceptable input voltage	± 10% of nominal voltage
Max Power	3.84kVA
Input Frequency	47-63Hz
Sensor Interface	(1) RJ11
Console Interface	(1) RJ45
Ethernet Interface	(1) RJ45
Height	44.00 mm
Width	445.00 mm
Depth	218.00 mm
Net Weight	4.0 KG
Color	RAL9005

Range & Precise

	Working Range	Meter Range	Precise	Distinguishability
Temperature(°C)	0~55	0~70	±0.2°C	0.1
Humidity(%RH)	20~90	1~99	±2%RH	0.1
Current(A)	0~Rated	0.01~ Rated	±1%	0.001
Voltage(V)	100~240VAC	50~265VAC	±1%	0.1
Apparent Power (VA)	0~Rated	0~Rated	±1%	0.1
Active Power(W)	0~Rated	0~Rated	±1%	0.1
Power factor	0~1	0~1	±1%	0.001
Frequency(Hz)	50/60	47-63		
Power Consumption(kWh)			±1%	0.0001

SW Three Phase PDU

Model: SW-M-TP36IECC13



Features

- View parameters over remote IT assets from anywhere on earth;
- Branch level power meter, including Current /Voltage /Apparent Power /Active Power /Power Factor / Frequency /Consumption with 1% precises;
- External environment sensor of temperature and humidity;
- Configurable thresholds, and send fault notification via email, SNMP trap and SYSLOG;
- Branch level power cost, carbon emission and power saving calculation.;
- Users privilege management;
- LCD display;
- Ethernet & console CLI management;
- Support HTTP, HTTPS, TELNET,SSH, SNMP etc, and service enable/disable;
- Support DHCP, NTP, SYSLOG, FTP, etc;
- Support NMS(Network Management Server) with topology, alerts, logs, privilege management and dashboards;
- Safely upgrade without interrupting power output;
- APP monitoring.

Electrical Specification

Input connector	IEC 309 3P+N+E 32A connector
Output connector	(36) IEC 320 C13
Overload protection	(3) 32-A single-pole breakers
Max output current (outlet)	10A IEC 320 C13
Max output current (phase)	32A
Cord length	10.00 ft (3.05m)
Nominal input voltage	220VAC, 3-phase
Acceptable input voltage	± 10% of nominal voltage
Max Power	23.04kVA
Input Frequency	47-63Hz
Sensor Interface	(3) RJ11
Console Interface	(1) RJ45
RS485 Interface	(2) RJ45
ExT Interface	(1) RJ45
Ethernet Interface	(1) RJ45
Height	1780.00 mm
Width	55.00 mm
Depth	57.00 mm
Net Weight	7.5 KG
Color	RAL9005

Range & Precise

	Working Range	Meter Range	Precise	Distinguishability
Temperature(°C)	0~55	0~70	±0.2°C	0.1
Humidity(%RH)	20~90	1~99	±2%RH	0.1
Current(A)	0~Rated	0.01~ Rated	±1%	0.001
Voltage(V)	100~240VAC	50~265VAC	±1%	0.1
Apparent Power (VA)	0~Rated	0~Rated	±1%	0.1
Active Power(W)	0~Rated	0~Rated	±1%	0.1
Power factor	0~1	0~1	±1%	0.001
Frequency(Hz)	50/60	47-63		
Power Consumption(kWh)			±1%	0.0001