

Monitored PDU

Monitor PDU can monitor the total power usage information 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.

Some monitor PDU has one 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.

Features:

System Function:

- ⌘ Built-in embedded system:
Support 10M Ethernet interface, provides webpage and SNMP remote management.
- ⌘ Multiple protocols:
Support ICMP, ARP, IP, TCP, UDP, DHCP, HTTP, NTP, SNMP v1.
- ⌘ Local display information:
Seven-segments can display current, web site and temperature and humidity values.

Power Management:



Remote Monitor

Remote monitoring PDU status by web and SNMP



Current Measurement

Measure PDU total current consumption.



Threshold Sensing

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



Mail Notification

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



Environment Detection

Optional accessory probe to detect temperature and humidity. (available by model)



Event Alert

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



kWh Measurement

Voltage, frequency, power factor, active power, apparent power and kWh measurement. (available by model)



Overload Protection

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



Central Management

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

Model List

Model Number	Output	Input	Voltage	Capacity
PRV-1623K-12N1	12 x IEC 320 C13	C19 to C20, power cord, 3m	230V	10 Amp
PTH-1023J-08N1	8 x IEC 320 C13	Inlet IEC320 C20 Power cord, C19 to C14, 3m	230V	10 Amp
PTH-1623K-08N1	8 x IEC 320 C13	Inlet IEC320 C20 Power cord, C19 to C20, 3m	230V	16 Amp
PTV-3223C-16N2	14 x IEC 320 C13 2 x IEC 320 C19	IEC309, power cord, 3m	230V	32 Amp
PTV-3240C-24N6	18 x IEC 320 C13 6 x IEC 320 C19	IEC309, power cord, 3m	400V AC, 3-Phase 3P+N+G / 230V	32 Amp / phase
PTV-1640C-24N3	21 x IEC 320 C13 3 x IEC 320 C19	IEC309, power cord, 3m	400V AC, 3-Phase 3P+N+G / 230V	16 Amp / phase
PMH-1623K-08N1	8 x IEC 320 C13	Inlet IEC320 C20 Power cord, C19 to C20, 3m	230V	16 Amp
PRV-1511A-12N1	12 x NEMA 5-15/20R	C19 to NEMA 5-15P, power cord, 3m	115V	15 Amp
PTH-1511A-08N1	8 x NEMA 5-15/20R	Inlet IEC320 C20 Power cord, C19 to NEMA 5- 15P, 3m	115V	15 Amp
PTV-3011M-16N2	16 x NEMA 5-15/20R	NEMA L5-30P, power cord, 3m	115V	20 Amp
PTV-3020P-16N2	14 x IEC 320 C13 2 x IEC 320 C19	NEMA L6-30P, power cord, 3m	208V	30 Amp
PMH-1511A-08N1	8 x NEMA 5-15/20R	Inlet IEC320 C20 Power cord, C19 to NEMA 5- 15P, 3m	115V	15 Amp

PRV-1623K-12N1



Plug



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	200-240 VAC
Max. Current	16 A	Frequency	50/60Hz ,full range
Outlet	(12) IEC320 C13	Max. Capacity	3680 VA
		Connection	IEC320 C20, power cord, 3m
		Overload Protection	Circuit breaker (UL1077)
Measurement		Other	
Current	+/-5%+/-0.1A @0.2A ~ 20A	ENV Connection	None
Dimension/Weight		Operation	
Net size	700 x 44 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	1.9 kg	Operation Humid.	0% ~ 90% RH
Package Size	870 x 220 x 110 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	4.5 kg / 2PCS	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE		
Warranty	1 years		

Package

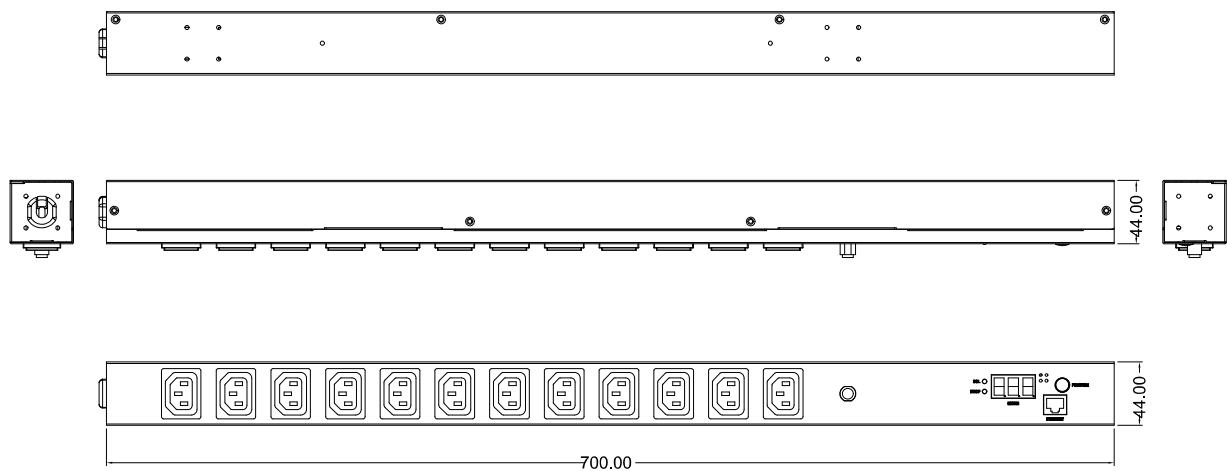
No.	Description.
1	PDU 2 set.
2	Rack mount accessories 2 set
3	Software CD (manual, MIB)

Accessory

Model Number	Model Name
STR-C14-B	C13 socket protection



Line Drawing



PTH-1023J-08N1



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	200-240 VAC
Max. Current	10 A	Frequency	50/60Hz ,full range
Outlet	(8) IEC320 C13	Max. Capacity	2300 VA
		Connection	IEC320 C20
		Overload Protection	Circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	None
Dimension/Weight		Operation	
Net size	432 x 90 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	1.9 kg	Operation Humid.	0% ~ 90% RH
Package Size	505 x 210 x 90 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	2.2 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

Package

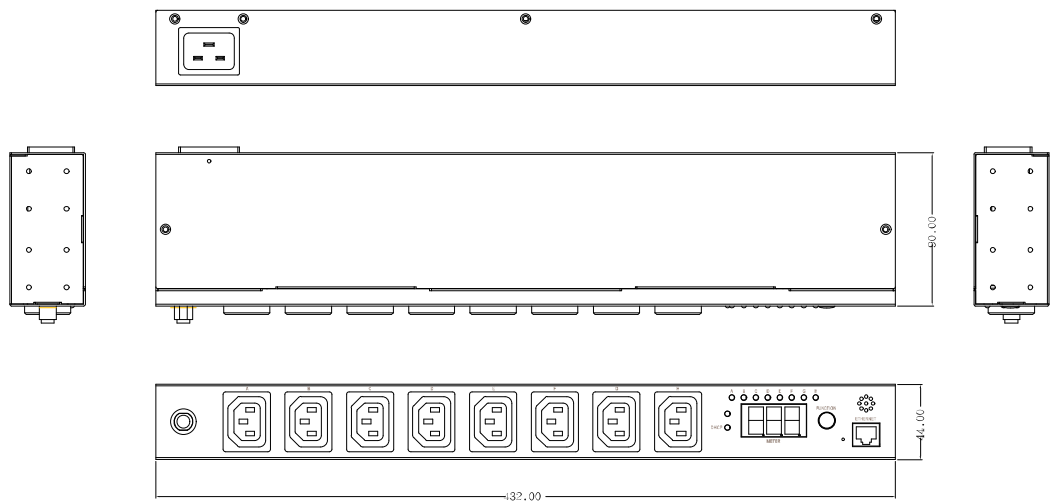
No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)
4	C19 to C14, power cord, 3m

Accessory

Model Number	Model Name
STR-C14-B	C13 socket protection



Line Drawing



PTH-1623K-08N1



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	200-240 VAC
Max. Current	16 A	Frequency	50/60Hz ,full range
Outlet	(8) IEC320 C13	Max. Capacity	3680 VA
		Connection	IEC320 C20
		Overload Protection	Circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	None
Dimension/Weight		Operation	
Net size	432 x 90 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	1.9 kg	Operation Humid.	0% ~ 90% RH
Package Size	505 x 210 x 90 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	2.2 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

Package

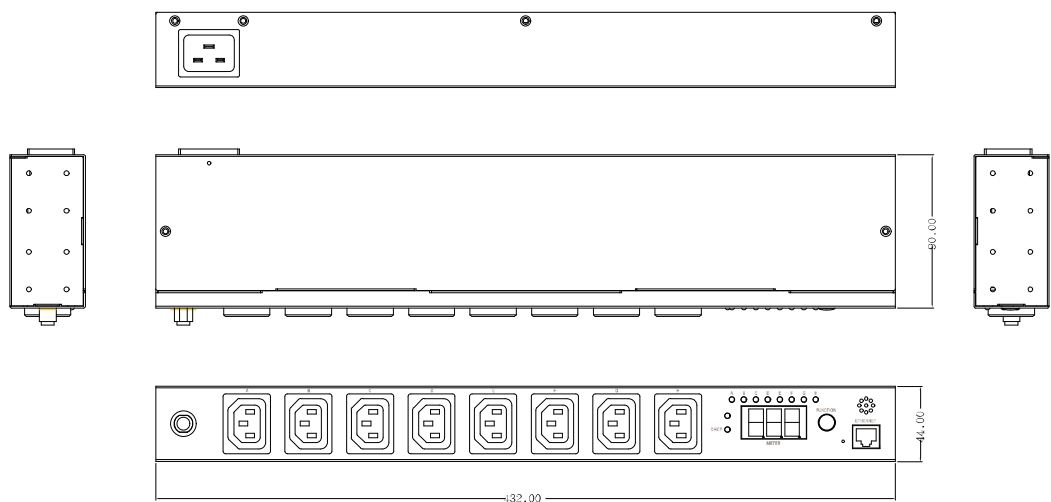
No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)
4	C19 to C20, power cord, 3m

Accessory

Model Number	Model Name
STR-C14-B	C13 socket protection



Line Drawing



PTV-3223C-01C1



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	200-240 VAC
Max. Current	32 A	Frequency	50/60Hz ,full range
Outlet	(1) IEC309	Max. Capacity	7360 VA
		Connection	IEC309 power cord, 3 m
		Overload Protection	None
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	RJ11
Dimension/Weight		Operation	
Net size	381 x 88 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	2.5 kg	Operation Humid.	0% ~ 90% RH
Package Size	505 x 210 x 90 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	2.8 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

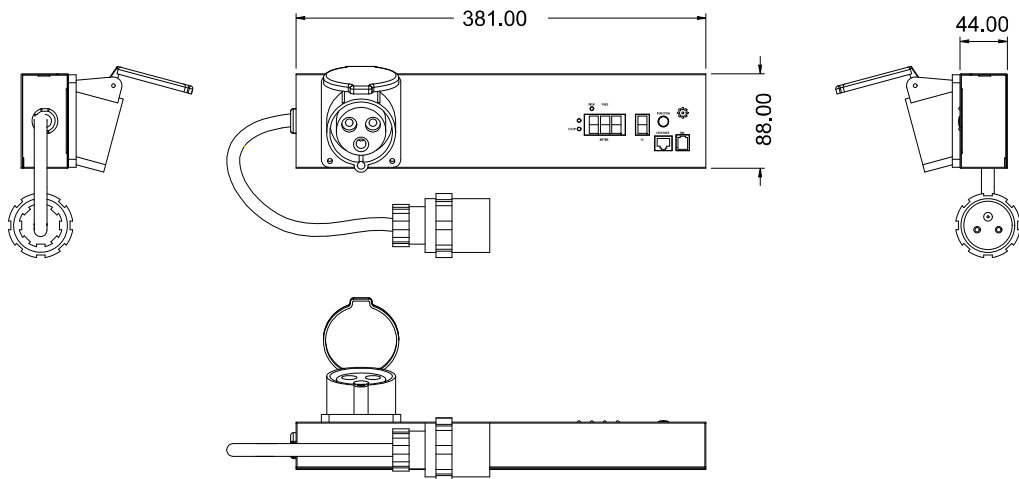
Package

No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)

Accessory

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

Line Drawing



PTV-3223C-16N2



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	200-240 VAC
Max. Current	32 A	Frequency	50/60Hz ,full range
Outlet	(14) IEC320 C13 (2) IEC320 C19	Max. Capacity	7360 VA
		Connection	IEC309 power cord, 3 m
		Overload Protection	(2) 16A circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	RJ11
Dimension/Weight		Operation	
Net size	1245 x 56 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	3.8 kg	Operation Humid.	0% ~ 90% RH
Package Size	1360 x 220 x 110 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	4.8 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

Package

No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)

Accessory

Model Number	Model Name
CPM-ENV-2	Temp./Humidity probe (ENV)
STR-C14-B	C13 socket protection

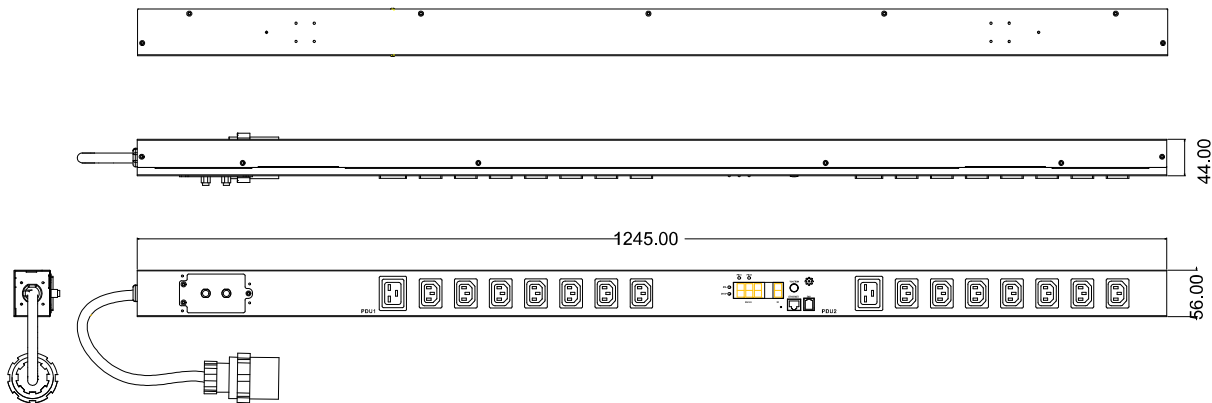


STR-C20-B



C19 socket protection

Line Drawing



PTV-1640C-24N3



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	400 VAC, 3 Phase 3P+N+PE
Max. Current	16 A / phase	Frequency	50/60Hz ,full range
Outlet	(21) IEC320 C13	Max. Capacity	11 kVA
	(3) IEC320 C19	Connection	IEC309 power cord, 3 m
		Overload Protection	(3) 16A circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	RJ11
Dimension/Weight		Operation	
Net size	1645 x 56 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	4.8 kg	Operation Humid.	0% ~ 90% RH
Package Size	1890 x 220 x 110 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	6.0 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

Package

No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)

Accessory

Model Number	Model Name
CPM-ENV-2	Temp./Humidity probe (ENV)
STR-C14-B	C13 socket protection

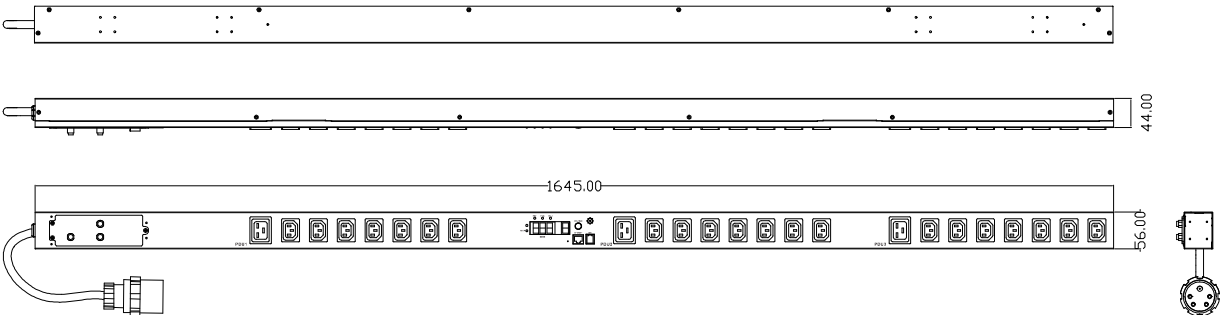


STR-C20-B



C19 socket protection

Line Drawing



PTV-3240C-24N6



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	400 VAC, 3 Phase 3P+N+PE
Max. Current	32 A / phase	Frequency	50/60Hz ,full range
Outlet	(18) IEC320 C13	Max. Capacity	22 kVA
	(6) IEC320 C19	Connection	IEC309 power cord, 3 m
		Overload Protection	(6) 16A circuit breaker (UL489)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	RJ11
Dimension/Weight		Operation	
Net size	1645 x 56 x 80 mm	Operation Temp.	0 ~ 45℃
Net weight	7.3 kg	Operation Humid.	0% ~ 90% RH
Package Size	1890 x 220 x 110 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	8.5 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

Package

No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)

Accessory

Model Number	Model Name
CPM-ENV-2	Temp./Humidity probe (ENV)
STR-C14-B	C13 socket protection

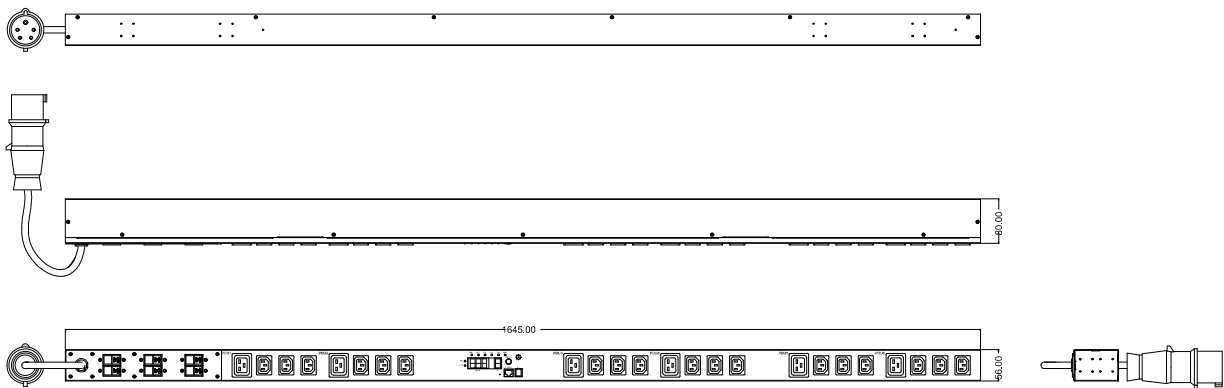


STR-C20-B



C19 socket protection

Line Drawing



PMH-1623K-08N1



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	200-240 VAC
Max. Current	16 A	Frequency	50/60Hz ,full range
Outlet	(8) IEC320 C13	Max. Capacity	3680 VA
		Connection	IEC320 C20
		Overload Protection	Circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	RJ11
Voltage	+/- 1% +/- 1V @80V~260V		
Active Power	+/- 1% +/- 5W @50W~8000W		
Apparent Power	+/- 1% @50VA~8000VA		
Frequency	+/- 1% @50~65Hz		
Power Factor	+/- 1% @0.1~1.0		
kWh	.001kWh~99999.999kWh, (+/- 1% @50W~8000W) kh=1.0		
Dimension/Weight		Operation	
Net size	432 x 125 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	2.4 kg	Operation Humid.	0% ~ 90% RH

Package Size 505 x 210 x 90 mm

Storage Temp. -20°C ~ 65°C

Package Weight 2.7 kg

Storage Humid. 0% ~ 90% RH

Approval

Certification CE, FCC

Warranty 2 years

Package

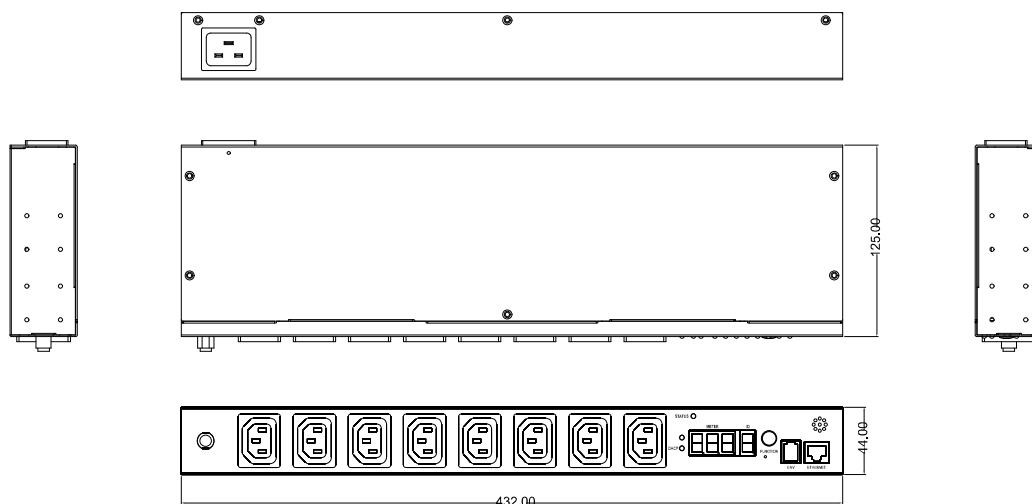
No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)
4	C19 to C20, power cord, 3m

Accessory

Model Number	Model Name
CPM-ENV-2	Temp./Humidity probe (ENV)
STR-C14-B	C13 socket protection



Line Drawing



PRV-1511A-12N1



Plug



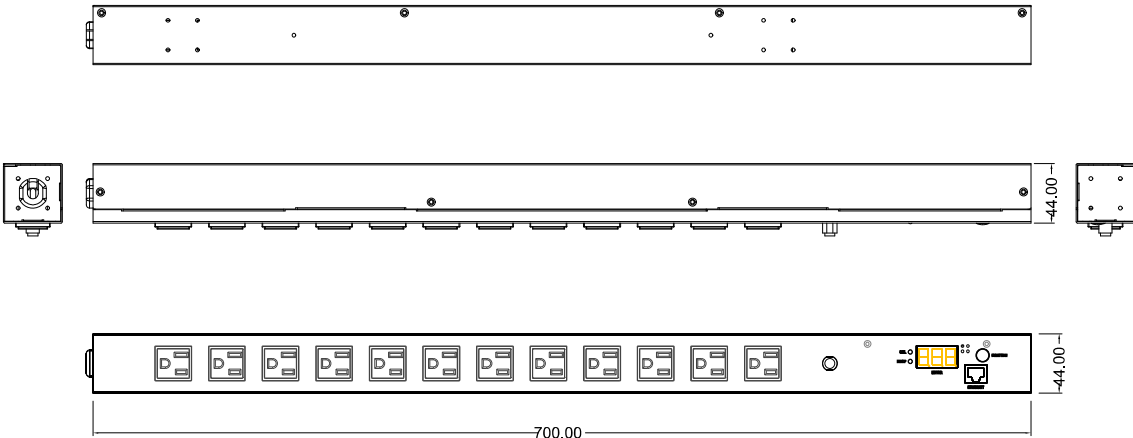
Specification

Output		Input	
Voltage	100-127 VAC	Voltage	100-127 VAC
Max. Current	15 A	Frequency	50/60Hz ,full range
Outlet	(12) NEMA 5-15R	Max. Capacity	1800 VA
		Connection	NEMA 5-15P, power cord, 3 m
		Overload Protection	Circuit breaker (UL1077)
Measurement		Other	
Current	+/-5%+/-0.1A @0.2A ~ 20A	ENV Connection	None
Dimension/Weight		Operation	
Net size	700 x 44 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	1.9 kg	Operation Humid.	0% ~ 90% RH
Package Size	870 x 220 x 110 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	4.5 kg / 2PCS	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE		
Warranty	1 years		

Package

No.	Description.
1	PDU 2 set.
2	Rack mount accessories 2 set
3	Software CD (manual, MIB)

Line Drawing



PTH-1511A-08N1



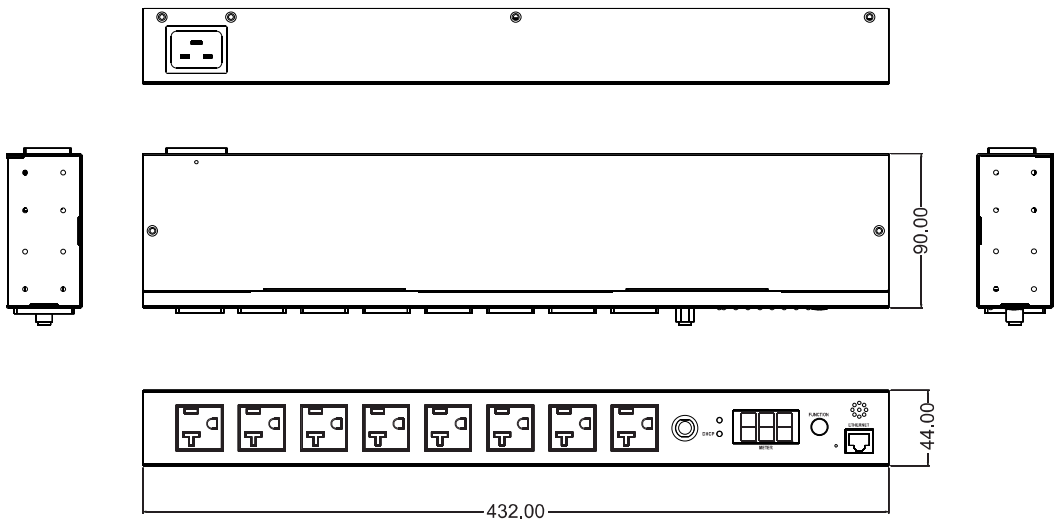
Specification

Output		Input	
Voltage	100-127 VAC	Voltage	100-127 VAC
Max. Current	15 A	Frequency	50/60Hz ,full range
Outlet	(8) NEMA 5-15/20R	Max. Capacity	1800 VA
		Connection	IEC320 C20
		Overload Protection	Circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	None
Dimension/Weight		Operation	
Net size	432 x 90 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	1.9 kg	Operation Humid.	0% ~ 90% RH
Package Size	505 x 210 x 90 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	2.2 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

Package

No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)
4	C19 to NEMA 5-15P, power cord, 3m

Line Drawing



PTV-3011M-16N2



Plug



Specification

Output		Input	
Voltage	100-127 VAC	Voltage	100-127 VAC
Max. Current	30 A	Frequency	50/60Hz ,full range
Outlet	(16) NEMA 5-15/20R	Max. Capacity	3600 VA
		Connection	NEMA L5-30P power cord, 3 m
		Overload Protection	(2) 20A circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	RJ11
Dimension/Weight		Operation	
Net size	1245 x 56 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	3.8 kg	Operation Humid.	0% ~ 90% RH
Package Size	1360 x 220 x 110 mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	4.8 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

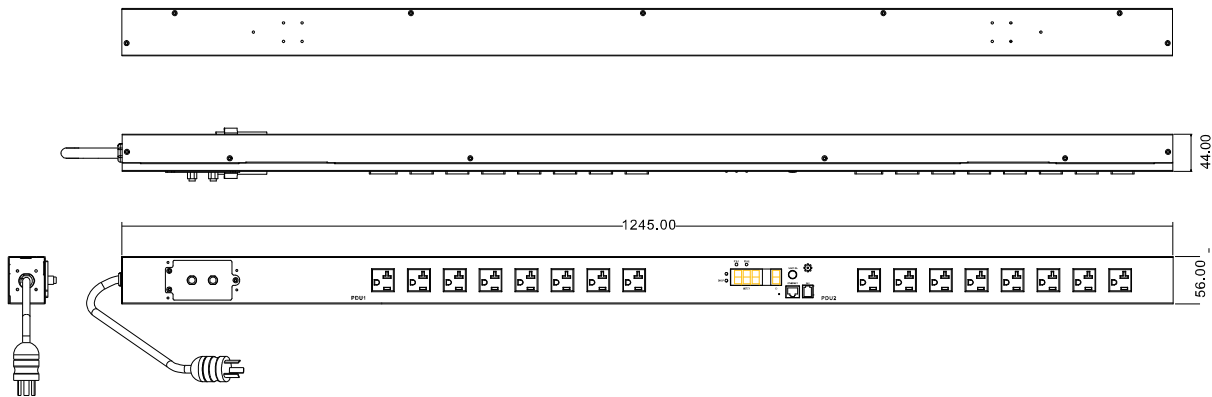
Package

No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)

Accessory

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

Line Drawing



PTV-3020P-16N2



Specification

Output		Input	
Voltage	200-240 VAC	Voltage	200-240 VAC
Max. Current	30 A	Frequency	50/60Hz ,full range
Outlet	(14) IEC320 C13 (2) IEC320 C19	Max. Capacity	6240 VA
		Connection	NEMA L6-30P power cord, 3 m
		Overload Protection	(2) 16A circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	RJ11
Dimension/Weight		Operation	
Net size	1245 x 56 x 44 mm	Operation Temp.	0 ~ 45°C
Net weight	4.8 kg	Operation Humid.	0% ~ 90% RH
Package Size	1360 x 220 x 110 mm	Storage Temp.	-20°C ~ 65°C
Package Weight	6.0 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE, FCC		
Warranty	2 years		

Package

No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)

Accessory

Model Number	Model Name
CPM-ENV-2	Temp./Humidity probe (ENV)
STR-C14-B	C13 socket protection

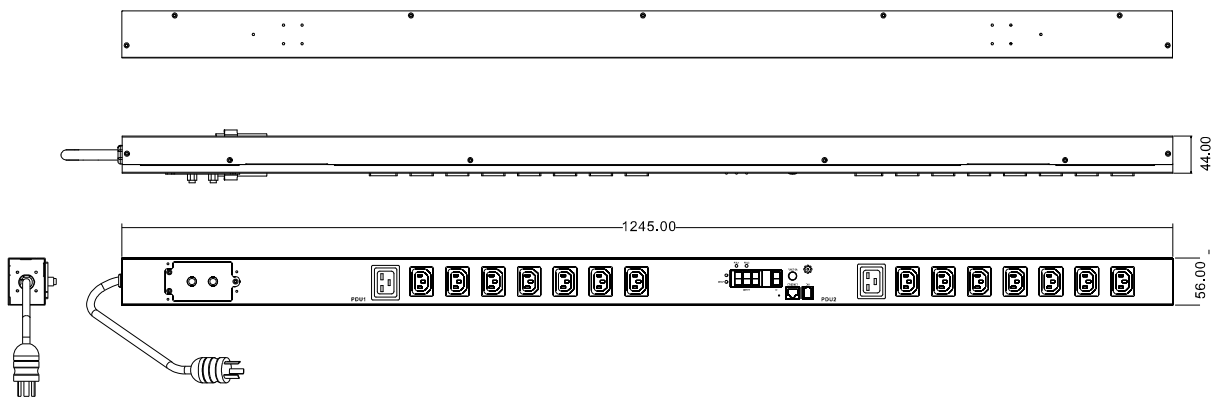


STR-C20-B

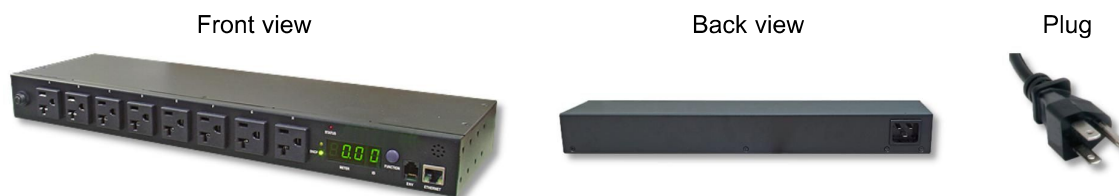


C19 socket protection

Line Drawing



PMH-1511A-08N1



Specification

Output		Input	
Voltage	100-127 VAC	Voltage	100-127 VAC
Max. Current	15A	Frequency	50/60Hz ,full range
Outlet	(8) NEMA 5-15/20R	Max. Capacity	1800 VA
		Connection	IEC320 C20
		Overload Protection	Circuit breaker (UL1077)
Measurement		Other	
Current	+/-2%+/-0.1A @0.2A ~ 20A	ENV Connection	RJ11
Voltage	+/- 1% +/- 1V @80V~260V		
Active Power	+/- 1% +/- 5W @50W~8000W		
Apparent Power	+/- 1% @50VA~8000VA		
Frequency	+/- 1% @50~65Hz		
Power Factor	+/- 1% @0.1~1.0		
kWh	.001kWh~99999.999kWh, (+/- 1% @50W~8000W) kh=1.0		
Dimension/Weight		Operation	
Net size	432 x 125 x 44 mm	Operation Temp.	0 ~ 45℃
Net weight	2.4 kg	Operation Humid.	0% ~ 90% RH

Package Size 505 x 210 x 90 mm

Storage Temp. -20°C ~ 65°C

Package Weight 2.7 kg

Storage Humid. 0% ~ 90% RH

Approval

Certification CE, FCC

Warranty 2 years

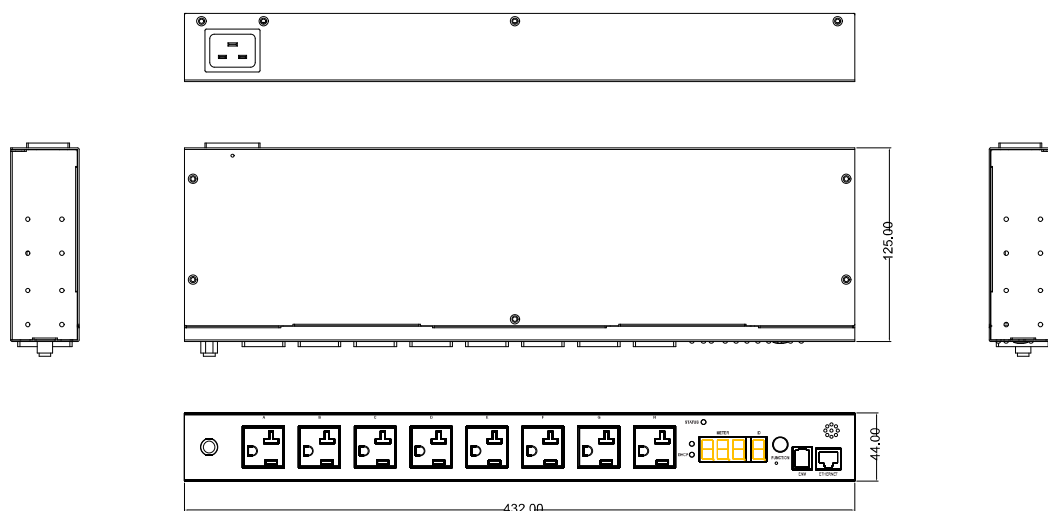
Package

No.	Description.
1	PDU 1 set.
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)
4	C19 to NEMA 5-15P, power cord, 3m

Accessory

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

Line Drawing



Annex.

Temp./Humidity Probe



Specification

Hardware			
Connection	RJ11, cord 1.8m		
Temperature		Humidity	
Range	-30°C~70°C	Range	0~100%
Resolution	0.1°C	Resolution	0.1%
Precision	±1°C	Precision@ 5°C~60°C, 20%~80%	± 3%
		Precision@ other condition	±5%
		Sampling rate	1 second
Operation		Dimension/Weight	
Operation Temp.	0°C~50.0°C	Size	127 x 22 x 20 mm
Storage Temp.	-20.0°C~60.0°C	Weight	62 g
		Package Size	185 x 110 x 56 mm
		Package Weight	110 g