[Switched Rack PDU](#)

Rack PDU, Switched, 1U, 15A, 100/120V, (8)5-15

APC Switched Rack PDU , Input: 120V , Input Connections: NEMA 5-15P , Cord Length: 12 feet (3.66 meters) , Output: 120V , Output Connections: NEMA 5-15R

Includes: Cord retention bracket(s), Horizontal mounting brackets, Installation guide, User Manual

Standard Lead Time: Usually in Stock

AP7900 Features

Remote Current Monitoring
Power Sequencing
Horizontal mounting capability

Switched Rack PDU Features & Benefits

Availability

Network Management	Full-featured network management interfaces that provide standards-based management via Web, SNMP, and Telnet. Allows users to access, configure, and manage units from remote locations to save valuable time. Associated with this feature is the ability to quickly and easily upgrade the firmware via network download to installed units for future product enhancements.
Remote Individual Outlet Control	Remotely manage outlets so users can turn outlets off that are not in use (prevent overloads) or recycle power to locked-up equipment (minimize costly downtime and avoid travel time to equipment).
Alarm Thresholds	Define alarm thresholds in order to avoid overloaded circuits. Network and visual alarms inform the user of possible problems. (Note: Only available on units with the current monitoring capabilities. Please see SKU specifications for availability)
Local Current Monitoring Display	The aggregate current draw per power distribution unit is displayed on the unit via a digital display. The local digital display helps installers avoid overloaded circuits by providing a visible warning when the current draw is close to the maximum amperage draw of the strip. (Available on designated SKUs only)
Power Delays	Allows users to configure the sequence in which power is turned on or off for each outlet. This helps avoid in-rushes at start-up, which can cause overloaded circuits and dropped loads. Sequencing also allows users to predetermine which piece of equipment is turned on first so other equipment dependant on that unit will function properly.
Load indicator LED	Indicates overload and warning conditions based on the user-defined alarm thresholds. Alerts users of potential overloaded circuits.
Flash Upgradeable	Quickly and easily upgrade firmware via network download for future product enhancements. Eliminates the need to replace products already installed in the field when new features are released. (Note: Networked units only)
Integrates with InfraStruXure Central	An IT-ready, scalable monitoring system that collects, organizes, and distributes critical alerts, surveillance video and key information, providing a unified view of complex physical infrastructure environments from anywhere on the network

Agility

Rack-Mountable	Includes horizontal, vertical, and toolless-mount varieties. Puts power where it is needed most - in the racks near the equipment.
Single input power source	Supply power from one branch whip to multiple pieces of equipment, conveniently powering rack-mount equipment. Saves time and money during installation by using one branch whip and standard connections.
Wide range of input and output	Product family includes a variety of input and output connections to distribute 120V, 208V, or 230V power to multiple outlets. Having a variety

connections	of inputs and outputs allow users to adapt to varying power requirements. APC offers units that bring up to 14.4kW using a single branch whip.

Output

Nominal Output Voltage	120V
Maximum Total Current Draw per Phase	15A
Output Connections	(8) NEMA 5-15R

Input

Nominal Input Voltage	120V
Input Frequency	50/60 Hz
Regulatory Derated Input Current (North America)	12A
Input Connections	NEMA 5-15P
Cord Length	3.66 meters
Number of Power Cords	1
Maximum Input Current per phase	15A
Load Capacity	1440 VA

Physical

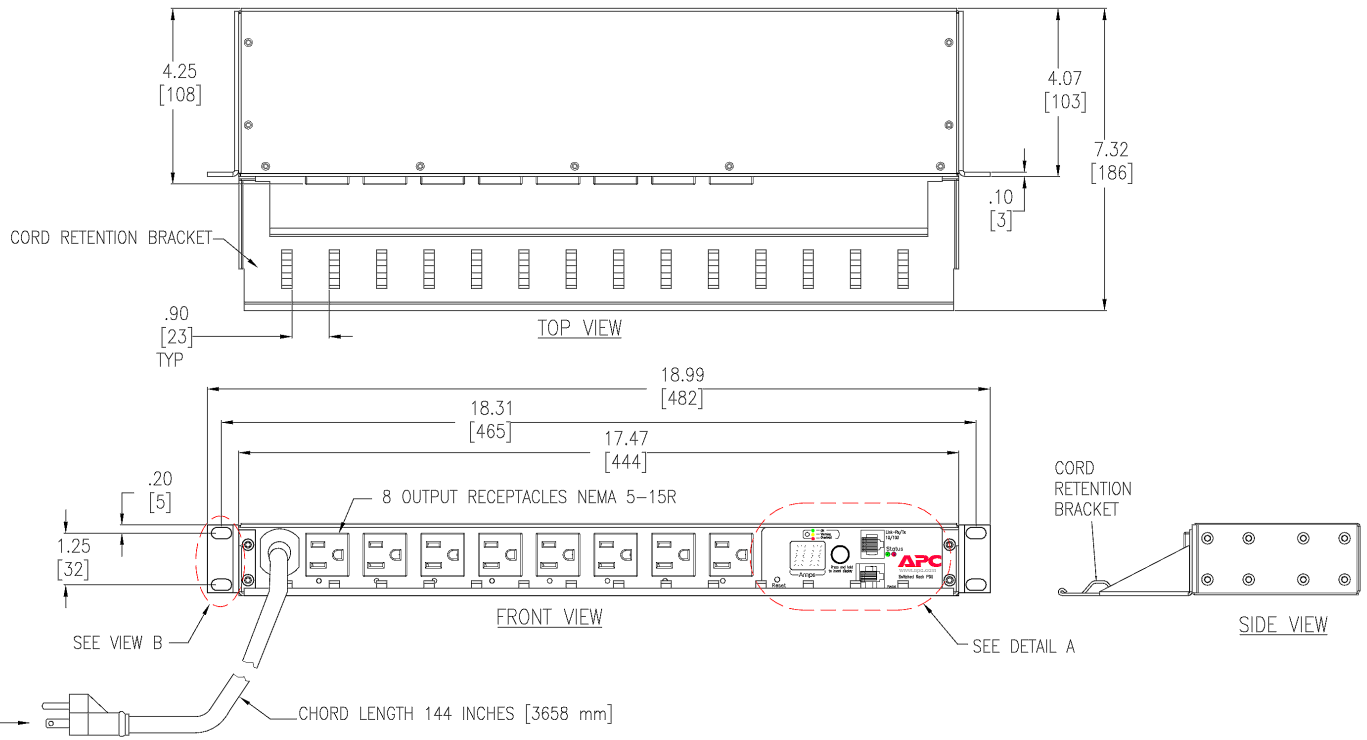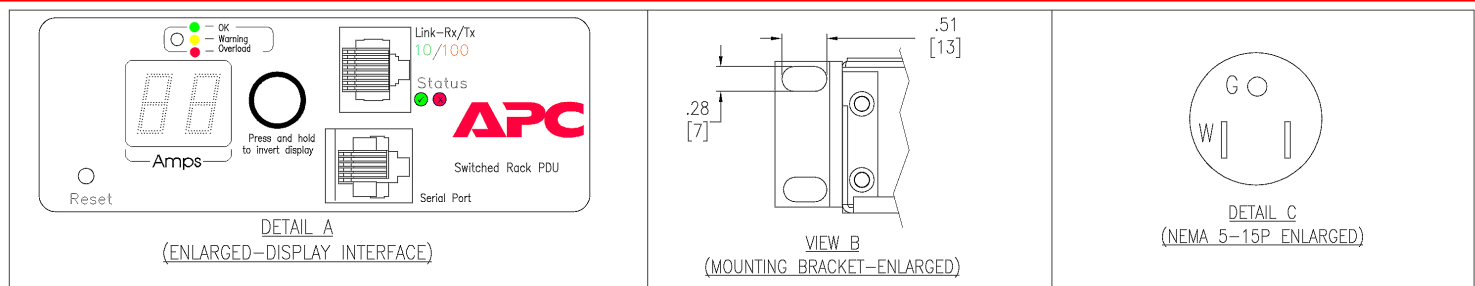|	
Net Weight	2.27 KG
Maximum Height	44.00 mm
Maximum Width	445.00 mm
Maximum Depth	108.00 mm
Shipping Weight	3.45 KG
Shipping Height	70.00 mm
Shipping Width	470.00 mm
Shipping Depth	343.00 mm
Color	Black

Environmental

Operating Environment	0 - 45 °C
Operating Relative Humidity	0%
Operating Elevation	0-3000 meters

Storage Temperature	-25 - 65 °C
Storage Relative Humidity	0%
Storage Elevation	0-15000 meters

Conformance

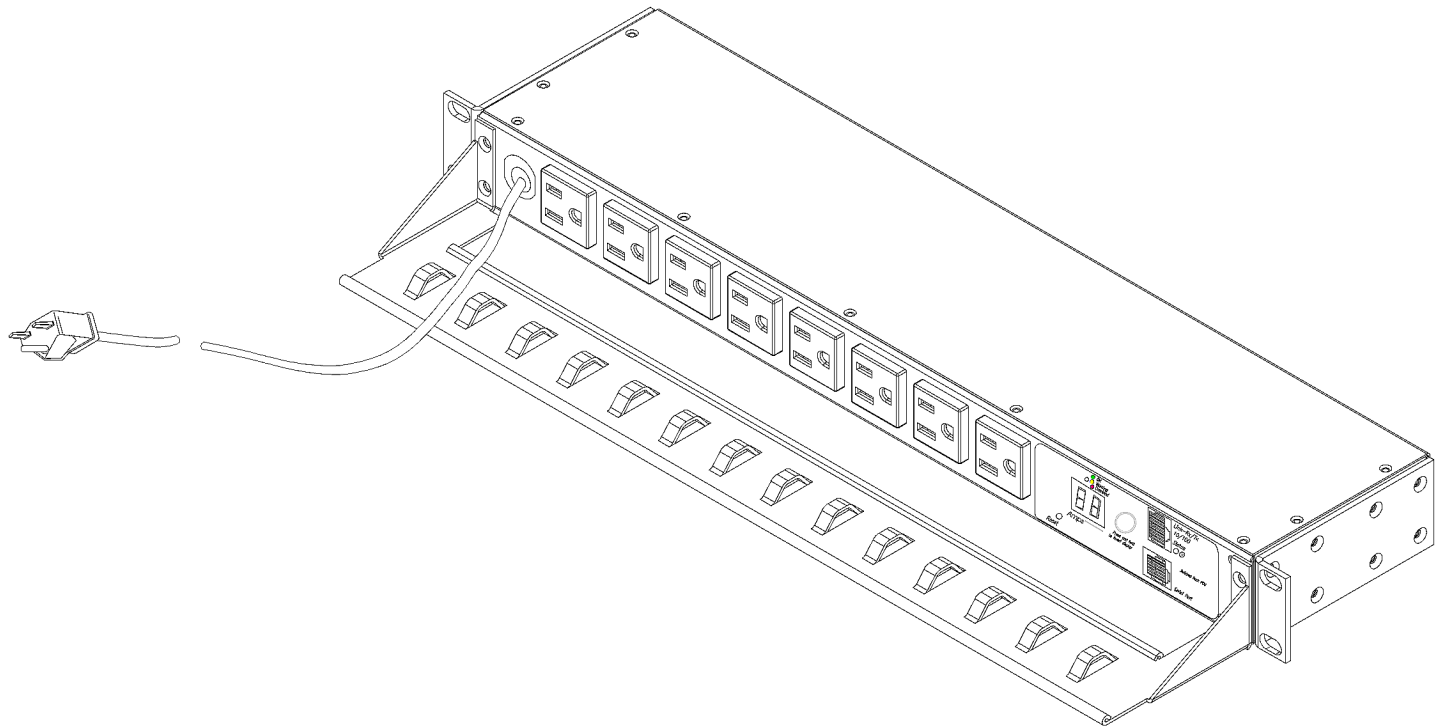| Regulatory Approvals	cUL Listed,CSA,FCC Part 15 Class A,ICES-003,Industry Canada,METI Denan,UL 60950,UL Listed,VCCI
Standard Warranty	2 years repair or replace
ROHS/WEEE Compliance	RoHS 7b Exemption

DETAIL A
(ENLARGED—DISPLAY INTERFACE)

- OK
- Warning
- Overload

Amps

Press and hold
to invert display

Reset

Link—Rx/Tx
10/100

Status

Serial Port

Switched Rack PDU

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VIEW B
(MOUNTING BRACKET—ENLARGED)

.51
[13]

.28
[7]

DETAIL C
(NEMA 5-15P ENLARGED)

G

W

4.25
[108]

4.07
[103]

7.32
[186]

.10
[3]

CORD RETENTION BRACKET

.90
[23]
TYP

TOP VIEW

18.99
[482]

18.31
[465]

17.47
[444]

.20
[5]

1.25
[32]

8 OUTPUT RECEPTACLES NEMA 5-15R

CORD
RETENTION
BRACKET

FRONT VIEW

SIDE VIEW

SEE VIEW B

SEE DETAIL A

SEE DETAIL C

CHORD LENGTH 144 INCHES [3658 mm]

NOTES:
1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
2. NET WEIGHT IS 5 LBS [2.27 kg]
3. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.

TITLE:	RACK PDU, SWITCHED 1U, 15A, 100/120V, INPUT: NEMA 5-15P OUTPUT: (8)NEMA 5-15R MAIN MECHANICAL	DWG NO:	AP7900-MM1	REV. —
		DRAWN BY:	JAYAPRAKASH	
		CHECKED BY:	T.HORSTMANN	
PROJECT: SUBMITTAL DRAWINGS	SHEET 1 OF 2	ENGINEER:	R.HANSEN/ E.SILVA	

APC

ISOMETRIC VIEW

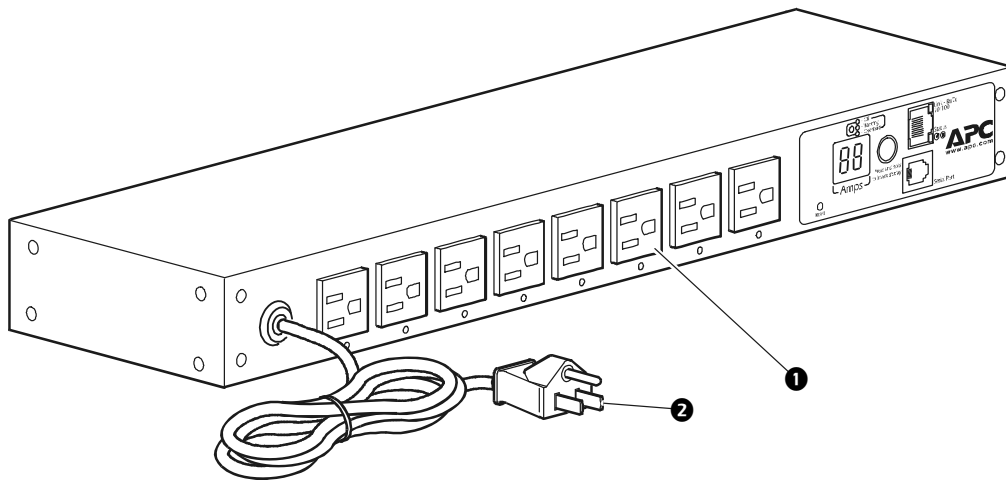| TITLE:	RACK PDU, SWITCHED	DWG NO:	AP7900-MM2	REV. —
1U, 15A, 100/120V, INPUT: NEMA 5-15P		DRAWN BY:	JAYAPRAKASH	
OUTPUT: (8)NEMA 5-15R		CHECKED BY:	T.HORSTMANN	
ISOMETRIC VIEW				
PROJECT: SUBMITTAL DRAWINGS	SHEET 2 OF 2	ENGINEER:	R.HANSEN/ E.SILVA	

APC®

Switched Rack PDU

Overview

The American Power Conversion® (APC) Switched Rack PDU is a stand-alone, network-manageable device that allows programmable control of eight power outlets. It requires only one U of rack space; it has built-in network connectivity; and, all user interfaces are on the front of the PDU.

Front view—AP7900

No.	Item	Description/Function
❶	Outlets	The outlets connect the PDU to equipment in your rack or enclosure. Each outlet allows independent control of the connected equipment, and provides 24 independent Outlet User accounts. Each PDU has eight outlets: AP7900: NEMA 5-15R (shown) AP7901: NEMA 5-20R
❷	Power Cord	The power cord connects the PDU to one power source. The cord is located on the front of the PDU for easier mounting and user access. The 12-foot cord has one of the following plugs: AP7900: NEMA 5-15P (shown) AP7901: NEMA L5-20P

Specifications

AP7900/AP7901

	AP7900	AP7901
Electrical		
Input connectors	100–120 VAC, 12 A NEMA 5-15 P plug	100–120 VAC, 16 A NEMA L5-20 P plug
Output connectors	Eight NEMA 5-15 R outlets	Eight NEMA 5-20 R outlets
Physical		
Size (h × w × d)	1.73 × 17.50 × 4.25 in (4.45 × 44.45 × 10.80 cm)	
Weight	5 lb (2.26 kg)	
Shipping weight	7.6 lb (3.4 kg)	
Environmental		

Elevation (above MSL):
 	
    Operating:
 	
    Storage:
	
	0 to 10,000 ft (0 to 3000 m)
	
	0 to 50,000 ft (0 to 15 000 m)	

Temperature:
 	
    Operating:
 	
    Storage:
	
	23 to 113° F (–5 to 45° C)
	
	–13 to 149° F (–25 to 65° C)	

Humidity:
 	
    Operating:
 	
    Storage:
	
	5 to 95%, non-condensing
	
	5 to 95%, non-condensing	

Approvals		
EMC Verification	FCC Part 15 Class A, ICES-003 Class A, VCCI Class A	
Safety Verification	UL/cUL Listed to UL 60950	UL/cUL Listed to UL 60950