

Metered Rack PDU

Rack PDU, Metered, Zero U, 10A, 230V, (16) C13



APC Metered Rack PDU , Input: 230V , Input Connections: IEC-320 C14 , Cord Length: 10 feet (3.05 meters) , Output: 230V , Output Connections: IEC 320 C13

Includes: Cord retention bracket(s), Installation guide, Rack Mounting brackets, Toolless Mounting Kit

Standard Lead Time: Usually in Stock


AP7850 Features

Toolless Mounting Capabilities	Units do not require additional tools to mount into APC NetShelter VX, which allows the users to quickly and easily mount units in the rear of the enclosure.
Vertical Mounting Capabilities	Easily mounts vertically in racks or enclosures and occupies zero U of valuable rack space, which allows more equipment in the rack. Units that mount vertically are optimized to fit in a NetShelter VX enclosures.

Metered Rack PDU Features & Benefits

Availability	
Remote Management Capabilities	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. (Note: Only applicable for units categorized as Networked).
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.
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)
Load indicator LED	Indicates overload and warning conditions based on the user-defined alarm thresholds. Alerts users of potential overloaded circuits.
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
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)
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 connections	Product family includes a variety of input and output connections to distribute 120V, 208V, or 230V power to multiple outlets. Having a variety 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	230V	
Maximum Total Current Draw per Phase	10A	
Output Connections	(16) IEC 320 C13	
Overload Protection	No	

Input

Nominal Input Voltage	230V
Input Frequency	47 - 63 Hz
Input Connections	IEC-320 C14
Cord Length	3.05 meters
Number of Power Cords	1
Acceptable Input Voltage	200-250 VAC
Maximum Line Current per phase	10A

Physical

Net Weight	3.07 KG
Maximum Height	1245.00 mm
Maximum Width	56.00 mm
Maximum Depth	44.00 mm
Shipping Weight	3.98 KG
Shipping Height	2134.00 mm
Shipping Width	387.00 mm
Shipping Depth	323.00 mm
Color	Black

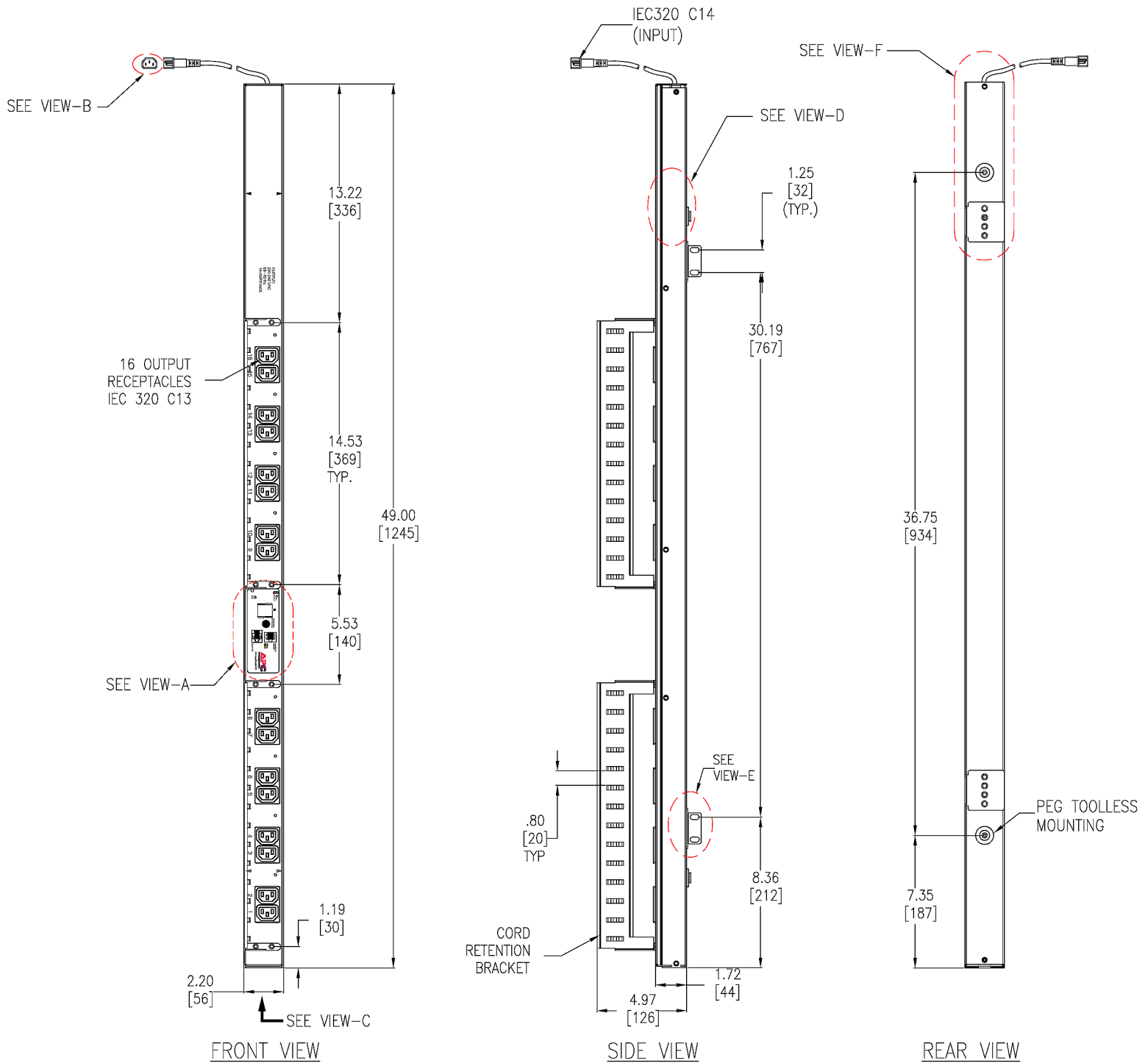
Environmental

Operating Environment	-5 - 45 °C
Operating Relative Humidity	5%
Operating Elevation	0-3000 meters
Storage Temperature	-25 - 65 °C

Storage Relative Humidity	5%
Storage Elevation	0-15000 meters

Conformance

Regulatory Approvals	CCC,CE,GOST,VDE
Standard Warranty	2 years repair or replace
ROHS/WEEE Compliance	RoHS 7b Exemption



NOTES:

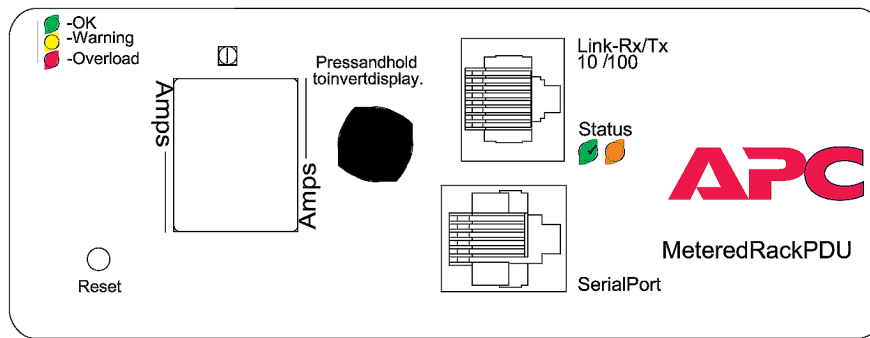
1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
2. NET WEIGHT IS 6.75 LBS [3.06 kg]
3. LENGTH OF THE CORD IS 120 INCHES [3000 mm].
4. UNIVERSAL MOUNTING BRACKET IS AN ALTERNATIVE MOUNTING METHOD TO THE TOOLLESS MOUNT FOR NON APC RACKS.
5. BRACKET KITS TO MOUNT TO SPECIFIC COMPETITORS RACKS ARE AVAILABLE AS OPTIONS.
6. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.

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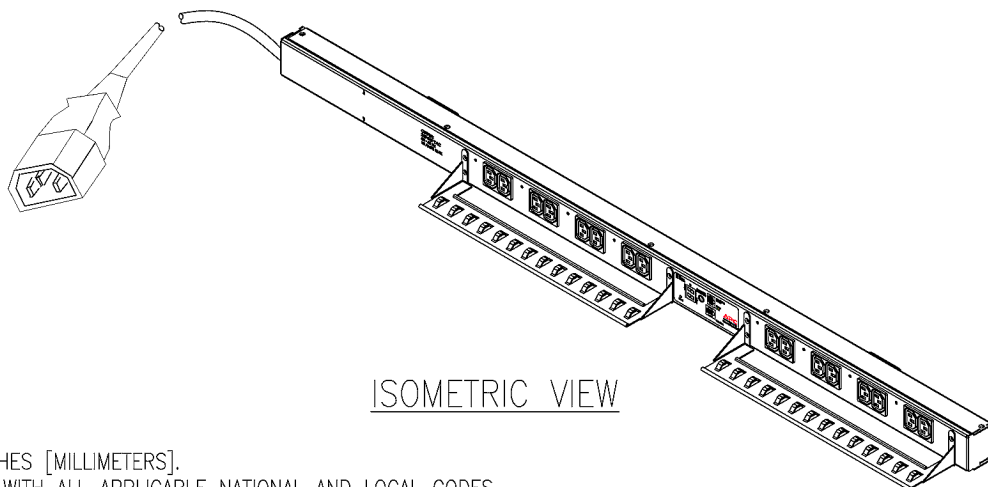
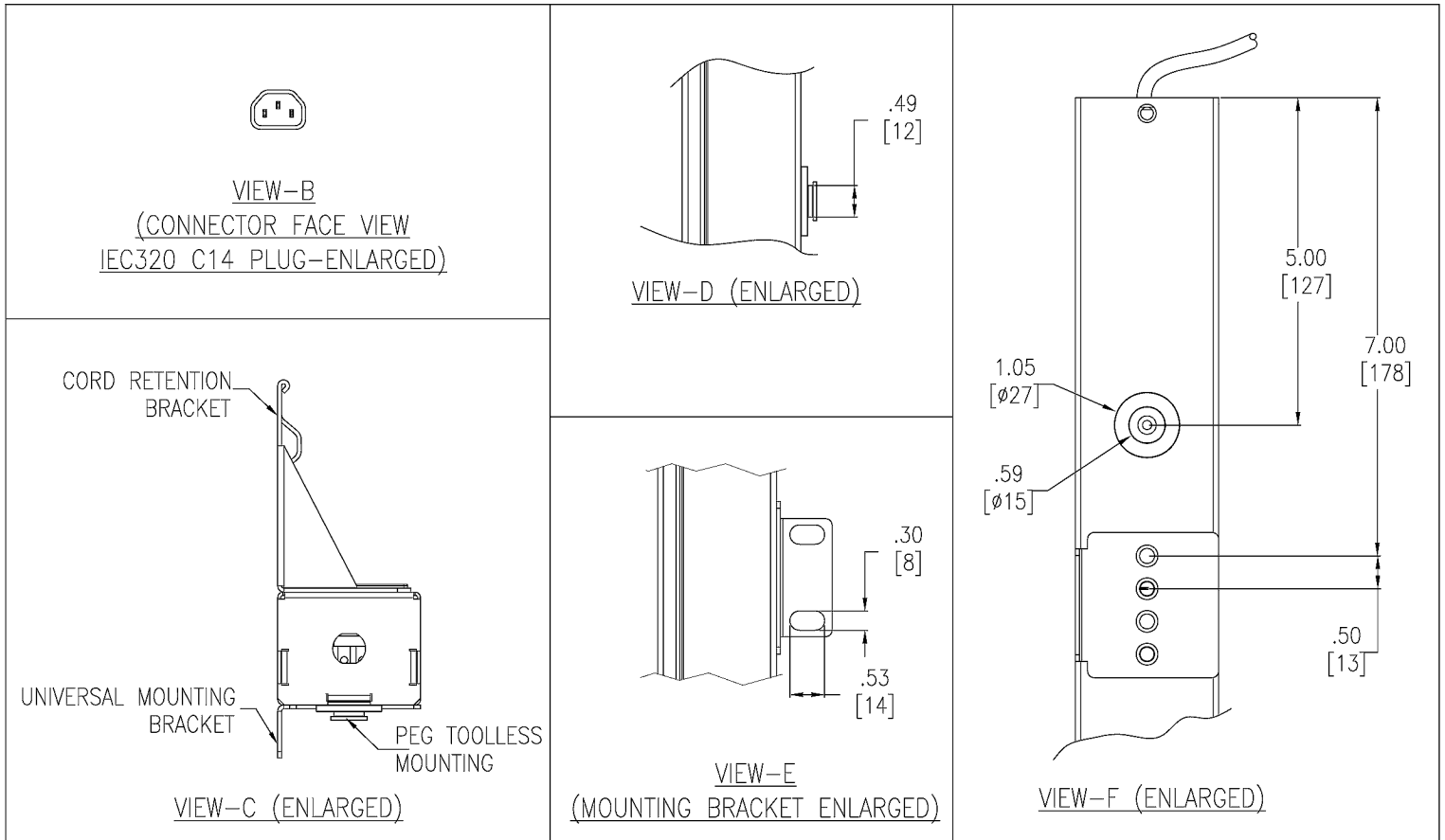
APC

TITLE: RACK PDU, METERED
ZERO U, 10A, 230V, INPUT: IEC-320 C14
OUTPUT: (16) IEC 320 C13
MAIN MECHANICAL
PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 2

DWG NO:	AR7850	REV:	0
DRAWN:	C KRISHNA	THIRD	ANGLE
ENGINEER:	T.HORSTMANN	PROJECTION	
APPROVED:	B.SHERIDAN/E.SILVA		



VIEW-A (DISPLAY INTERFACE-ENLARGED)



ISOMETRIC VIEW

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TITLE: RACK PDU, METERED
ZERO U, 10A, 230V, INPUT: IEC-320 C14
OUTPUT: (16) IEC 320 C13
DETAILS & ISOMETRIC VIEW
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 2

DWG NO: AP7850
DRAWN: C KRISHNA
ENGINEER: T.HORSTMANN
APPROVED: B.SHERIDAN/E.SILVA

REV. 0
THIRD
ANGLE
PROJECTION



Metered Rack PDU

Overview

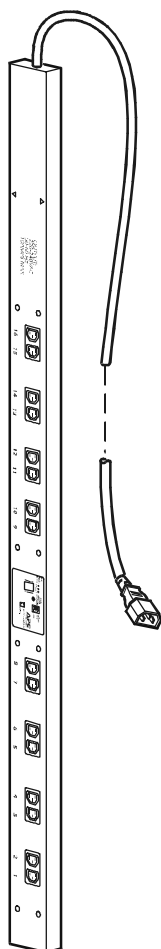
The American Power Conversion® Metered Rack PDU distributes power to devices in the rack. It has a sensor that measures the current used by the PDU and its attached devices. The PDU can be monitored through Web, Telnet, SNMP, SSH, or InfraStruXure™ Manager interfaces.

Outlets. The Rack PDU has sixteen (16) IEC-320-C13 outlets.

Display interface. A digital display shows the aggregate current used by the Rack PDU.

Power cord. The 10-foot (3.05-meter) power cord terminates with an IEC-320-C14 connector.

AP7850





Specifications for AP7850

Electrical

Input connector	IEC-320-C14 plug
Output connectors	(16) IEC-320-C13 outlets
Nominal input voltage	230 VAC
Acceptable input voltage	± 10% of nominal voltage
Input frequency	47–63 Hz

Physical

Dimensions (H × W × D)	124.46 × 5.59 × 4.45 cm (49.00 × 2.20 × 1.75 in)
Shipping dimensions (H × W × D)	213.36 × 15.24 × 12.7 cm (84.00 × 6.00 × 5.00 in)
Weight	3.06 kg (6.75 lb)
Shipping weight	3.97 kg (8.75 lb)

Environmental

Maximum elevation (above MSL)	
Operating	3000 m (10,000 ft)
Storage	15 000 m (50,000 ft)
Temperature	
Operating	–5 to 45° C (23 to 113° F)
Storage	–25 to 65° C (–13 to 149° F)
Humidity	
Operating	5–95% RH Non-condensing
Storage	5–95% RH Non-condensing

Compliance

EMC verification	CISPR 22 Class A, EN 55022 Class A, EN 55024, IEC 61000-3-2, IEC 61000-3-3, CE, AS/NZS CISPR 22
Safety verification	VDE 0805, CE, EN 60950, IEC 60950



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