

Product data sheet

Characteristics

APDU10452SM

APC NetShelter Rack PDU Advanced,
Switched Metered Outlet, 3PH, 17.3kW, 208V,
60A, 460P9, 42 Outlet



Overview

Presentation

APC NetShelter Rack PDU Advanced provide reliable power distribution to IT Equipment within server and/or networking racks. Switched outlets to turn outlets on or off remotely. Outlet and PDU level power metering for power visibility and notification of potential overload. 4-in-1 combination outlets which can be used as either C13, C19, C15, or C21 outlets provide unparalleled deployment flexibility. Maximum outlet density with 42 outlets in a 2.2" wide form factor. Outlets on the PDUs are color coded and/or labeled by breaker and input phase on 3 phase models to simplify deployment. Provides an alternating phase design whereby each of the 3 phases are organized into small outlet groups which alternate from top to bottom of the PDU to facilitate better power cord management and promote better load balancing. Power Sharing allows PDUs cascaded together via 2 ethernet ports enable an Network Management Card to continue functioning in the event of an AC power loss. No interruption in Network communication, sensors operation, and alarm traps. Live Swap Network Management Card (NMC) which can be replaced without powering down the PDU or connected devices to minimize downtime in the unlikely event of an NMC power event. Rated and approved to operate up to 60C (140F) at full load ensures reliability and availability even in today's high density deployments. Gigabit ethernet to enhance and standardize network connectivity across all assets in the data center. A second ethernet port (10/100) is available to allow cascading to other PDUs, connect to a 2nd private network, or provide network redundancy. 1% metering accuracy for the peace of mind to use NetShelter Rack PDU Advanced to bill based on power usage. In addition, the higher level of accuracy ensures the most precise measures for capacity planning and threshold alarm monitoring. Two environmental sensor ports allow for optional sensors (sold separately) to be connected.

Lead time

Usually in Stock

Main

Main Input Voltage	3 phase
Product or Component Type	PDU
Main Output Voltage	208 V
Plug standard	IEC 60309 60 A 3P+PE
Number of rack unit	0U
Cable length	5.91 ft (1.8 m)
Communication port protocol	1000BASE-T 10/100BASE-T

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Physical

Color	Black
Height	70.08 in (178.0 cm)
Width	2.20 in (5.6 cm)
Depth	2.95 in (7.5 cm)
Net Weight	24.91 lb(US) (11.3 kg)
Mounting Location	Side
Mounting preference	No preference
Mounting Mode	Rack-mounted

Input

Line Rated Current	48 A
Acceptable Input Voltage	200...240 V
Input current limits	60 A
Load Capacity	17300 VA
Input Frequency	50/60 Hz

Output

Number of power socket outlets	21 C13/C15/C19/C21 21 C13/C15
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Conformance

Standards	UL 62368-1 CSA C22.2 No 62368-1 FCC part 15 subpart B
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Environmental

Ambient Air Temperature for Operation	23...140 °F (-5...60 °C)
Relative Humidity	5...95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	-13...149 °F (-25...65 °C)
Storage Relative Humidity	5...95 %
Storage altitude	0...50000 ft (0.00...15240.00 m)

Ordering and shipping details

GTIN	731304439882
Package weight(Lbs)	31.53 lb(US) (14.3 kg)

Packing Units

Package 1 Height	77.95 in (198 cm)
Package 1 width	10.31 in (26.2 cm)
Package 1 Length	5.20 in (13.2 cm)

Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	3 years repair or replace
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