Product datasheet

Specifications



APC NetShelter Metered-by-Outlet Rack PDU, 0U, 1PH, 7.4kW 230V 32A, x21 C13 and x3 C19 outlets, IEC 309 cord

AP8453

Overview

Presentation	APC Metered by Outlet Rack Power Distribution Units (PDUs) provide individual outlet power metering to enable energy optimization and circuit protection. Current metering provides real-time remote monitoring of connected loads. Metered by Outlet Rack PDUs provide power utilization data to allow Data Center Managers to make informed decisions on load balancing and right sizing IT environments to lower total cost of ownership. Metered by Outlet Rack PDUs include real power monitoring, a temperature/humidity sensor port, locking IEC receptacles, and ultra low profile circuit breakers. Users can access and configure Metered by Outlet Rack PDUs through secure Web, SNMP, or Telnet Interfaces which are complimented by APC Centralized Management platforms using InfraStruxure Central, Operations, Capacity, and Energy Efficiency.

Main

Product or component type	PDU
Main Input Voltage	200 V 208 V 230 V
Input current limits	32 A
Network frequency	50/60 Hz
Main Output Voltage	230 V
Input Connection Type	IEC 60309 32 A 2P + E
Number of power socket outlets	21 IEC 60320 C13 3 IEC 60320 C19
Load capacity	7400 VA
permissible voltage	220…240 V
Max current draw	32 A
Max line current	32 A
PDU type	Metered outlet
Protection type	Circuit breaker
Number of rack unit	0U
Number of cables	1
Cable length	2.9 m
Provided equipment	CAN port terminator Installation guide Rack mounting brackets Safety guide Serial configuration cable

Complementary

Mounting location	Side

Disclaimer: 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

Mounting mode	Rack-mounted
Mounting position	Vertical
Height	1829 mm
Width	56 mm
Depth	51 mm
Net weight	8.21 kg

Environmental

Product certifications	VDE
Standards	EN 55022 class A EN 55024 EN 61000-3-2 EN 61000-3-3
Relative humidity	5…95 %
Storage Relative Humidity	5…95 %
Ambient air temperature for storage	-25…65 °C
Storage altitude	0…15240 m
Operating altitude	0...10000 ft
Ambient air temperature for operation	-5…60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	203.7 cm
Package 1 Width	16.3 cm
Package 1 Length	11.7 cm
Package 1 Weight	10.48 kg

Contractual warranty

Warranty (in months)	24

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**1 205 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**73 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.2 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**1 129 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**2 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Average percentage of recycled plastic content	**15 %**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**1cdb2fed-a06f-4574-913d-8df8e70936b2**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Free of Substances of Very High Concern above the threshold
Halogen-free status	**Product contains halogen above thresholds**

Use Again

Repack and remanufacture

Recyclability potential, in %	**53**
End of life manual availability	End of Life Information
Removable battery	**Yes**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Image of product / Alternate images

Alternative

