Technical Specifications

APC NetShelter Rack PDU Advanced, Switched Metered Outlet, 11.5kW, 3PH, 415V, 20A, 520P6, 48 Outlet | APDU10250SM | Downloaded on 04/11/2022 (EST)

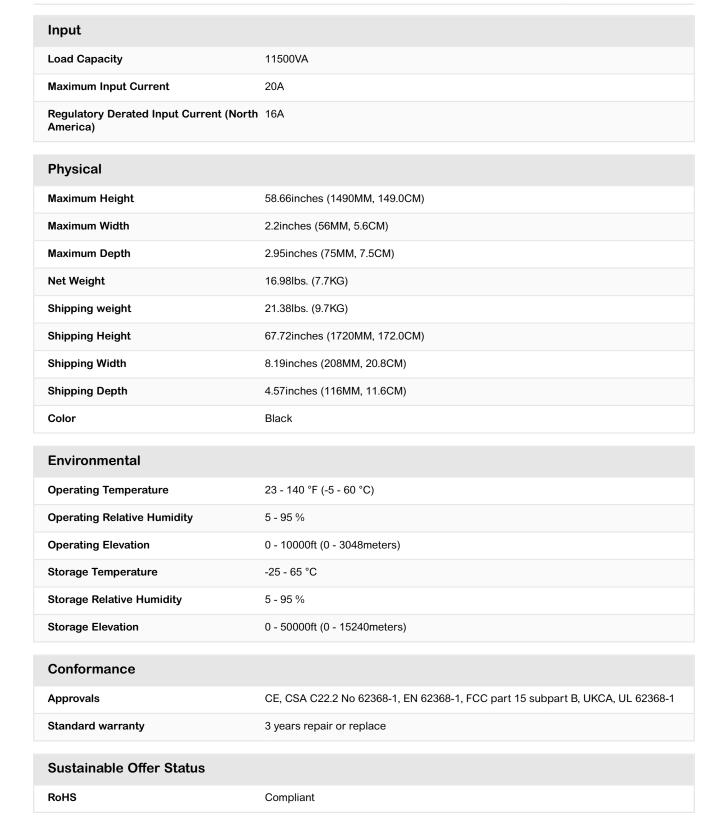Life Is On | **APC** by Schneider Electric

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Best Performance

APDU10250SM

Call for More Information 800-800-4272

- 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 unparreled deployment flexibility. Maximum outlet density with 48 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. For data center deployments across multiple regions, these PDUs are both UL and CE rated providing one PDU that can be used globally to simplify and standardize deployment.

Output

Nominal Output Voltage	240V
Maximum Total Current Draw	16
Output Connections	(24) C13/C15/C19/C21 (24) C13/C15

Input

Nominal Input Voltage	400V 3PH, 415V 3PH
Input frequency	50/60 Hz
Input Connections	IEC 60309 20 A 3P + N + PE
Cord Length	5.91ft (1.8meters)
Acceptable Input Voltage	200 - 240, 346 - 415VAC

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Input

Load Capacity	11500VA
Maximum Input Current	20A
Regulatory Derated Input Current (North America)	16A

Physical

Maximum Height	58.66inches (1490MM, 149.0CM)
Maximum Width	2.2inches (56MM, 5.6CM)
Maximum Depth	2.95inches (75MM, 7.5CM)
Net Weight	16.98lbs. (7.7KG)
Shipping weight	21.38lbs. (9.7KG)
Shipping Height	67.72inches (1720MM, 172.0CM)
Shipping Width	8.19inches (208MM, 20.8CM)
Shipping Depth	4.57inches (116MM, 11.6CM)
Color	Black

Environmental

Operating Temperature	23 - 140 °F (-5 - 60 °C)
Operating Relative Humidity	5 - 95 %
Operating Elevation	0 - 10000ft (0 - 3048meters)
Storage Temperature	-25 - 65 °C
Storage Relative Humidity	5 - 95 %
Storage Elevation	0 - 50000ft (0 - 15240meters)

Conformance

Approvals	CE, CSA C22.2 No 62368-1, EN 62368-1, FCC part 15 subpart B, UKCA, UL 62368-1
Standard warranty	3 years repair or replace

Sustainable Offer Status

RoHS	Compliant