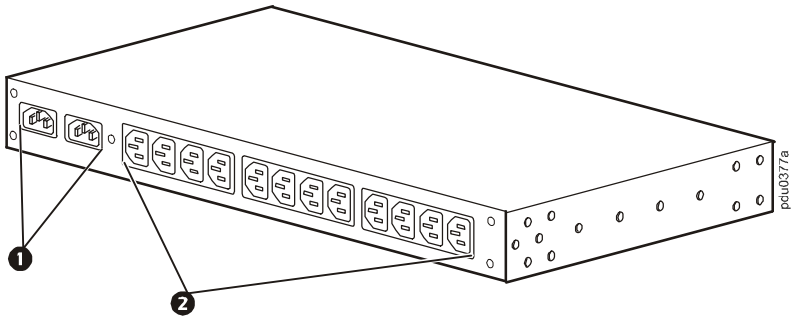
www.apc.com

Automatic Transfer Switch

Overview

The American Power Conversion (APC®) Rack Automatic Transfer Switch (ATS) provides reliable, redundant power to single-corded equipment. The Rack ATS has dual input power cords supplying power to the connected load. If the primary source becomes unavailable, the Rack ATS will seamlessly source power from the secondary source without interrupting critical loads. Networked units have built-in network connectivity, which allows for remote management via Web, SNMP, or Telnet interfaces.

Rear view—AP7721



	Item	Description/Function
❶	Power inlets	The two (2) C14 inlets support the connection of two power cords (not provided) to link the ATS to two separate power sources (A, B). The switch draws power from the preferred source and automatically switches to the secondary source when necessary.
❷	Outlets	The outlets connect the ATS to equipment in the rack or enclosure, providing a redundant source of power to the connected equipment. Each switch has twelve (12) C13 outlets.

Specifications

AP7721

Electrical

Nominal input voltage	208 or 230 Vac (software selectable)
Acceptable input voltage	±10% of nominal
Input frequency	50/60 Hz
Input connectors	Two (2) C14 inlets
Output connectors	Twelve (12) C13 outlets
Maximum output current (outlet)	10 A–C13, 12 A for North America
Maximum output/input current	10 A, 12 A for North America
Overload protection Internal External (recommended)	 Not provided with unit 16 A facility provided
Transfer time	8–12 ms typical, 16 ms maximum 60 Hz, 18 ms maximum 50 Hz

Physical

Dimensions (H x W x D)	4.37 x 43.00 x 23.62 cm (1.72 x 17.00 x 9.30 in)
Shipping dimensions (H x W x D)	11.43 x 60.02 x 35.56 cm (4.50 x 23.63 x 14.00 in)
Weight	3.65 kg (8.05 lb)
Shipping weight	5.42 kg (11.95 lb)

Environmental

Maximum elevation (above MSL) Operating Storage	 0 to 3000 m (0 to 10,000 ft) 0 to 15 000 m (0 to 50,000 ft)
Temperature Operating Storage	 –5 to 45°C (23 to 113°F) –25 to 65°C (–13 to 149°F)
Humidity Operating Storage	 0 to 95%, non-condensing 0 to 95%, non-condensing

Compliance

EMC approvals	EN55022-Class A, FCC-Class A, VCCI, MIC, C-Tick, ICES-003 Class A, CE
Safety approvals	TUV, cTUVus, S-Mark (Argentina), GOST-R, CE

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Customer support and warranty information is available at the APC Web site, **www.apc.com**.