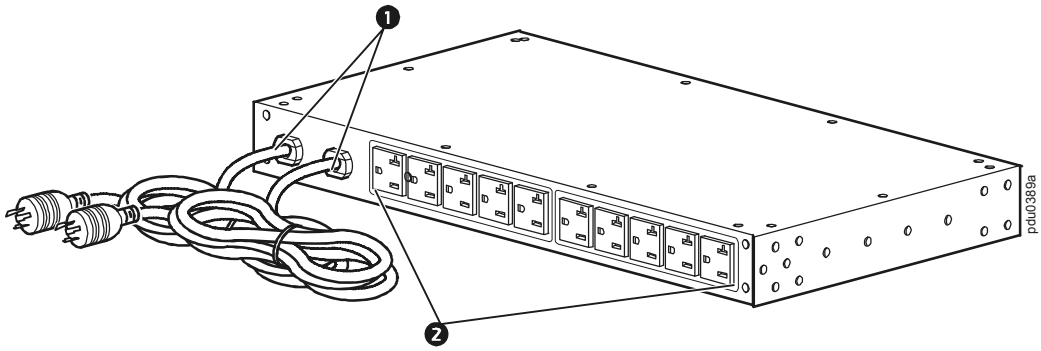
www.apc.com

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—AP7752



	Item	Description/Function
❶	Power cords	The two cords connect 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. The two (2) 2.44-m (8-ft) power cords have L5-20 plugs.
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 ten (10) 5-20R outlets.

Specifications

AP7752

Electrical	
Nominal input voltage	120 Vac
Acceptable input voltage	±10% of nominal
Input frequency	50/60 Hz
Input connectors	Two(2) 2.44-m (8-ft) L5-20 power cords
Output connectors	Ten (10) 5-20R outlets
Maximum output current (outlet)	16 A–5-20R
Maximum output/input current	16 A (derated)
Overload protection Internal External (recommended)	 Not provided with unit 20 A facility provided
Transfer time	8–12 ms typical, 16 ms maximum
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	4.69 kg (10.35 lb)
Shipping weight	6.46 kg (14.25 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	FCC-Class A, VCCI, ICES-003 Class A
Safety approvals	TUVR-NRTL, TUVR-C

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

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