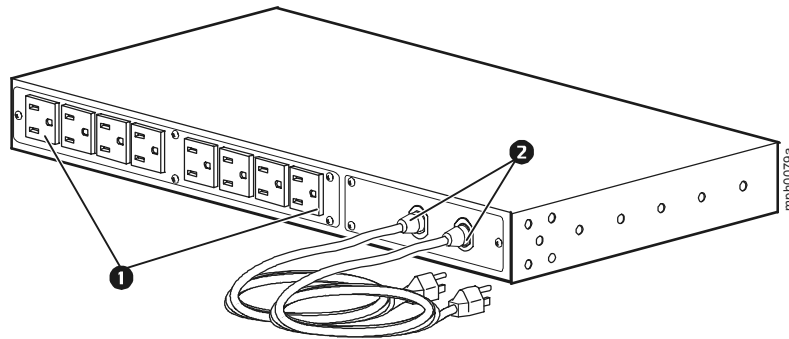


Automatic Transfer Switch

Overview

The American Power Conversion (APC[®]) Automatic Transfer Switch (ATS) provides redundant power to rackmount equipment, ensuring high availability. The ATS supplies power from a primary input line; if that line becomes unavailable for any reason, the switch automatically begins supplying power from a secondary input line.

Rear view—AP7750



No.	Item	Description/Function
1	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 eight NEMA 5-15R outlets.
2	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 8-ft (244-cm) cords have NEMA 5-15P plugs.

Specifications

AP7750

Electrical	
Nominal input voltage	120 V
Acceptable input voltage	100-125 V
Nominal input frequency	50/60 Hz
Input connectors	Two 8-foot, attached, 5-15P line cords
Output connectors	Eight NEMA 5-15R outlets
Maximum total current draw	12 A
Physical	
Size (H × W × D)	1.75 × 17.00 × 9.00 in (4.44 × 43 × 23 cm)
Weight	8.6 lb (3.9 kg)
Shipping Weight	14.1 lb (6.4 kg)
Environmental	
Elevation: Operating (above MSL)	0 to 10,000 ft (0 to 3000 m)
Elevation: Storage (above MSL)	0 to 50,000 ft (0 to 15 000 m)
Temperature: Operating	23 to 113° F (–5 to 45° C)
Temperature: Storage	–13 to 149° F (–25 to 65° C)
Operating Humidity	0 to 95%, non-condensing
Approvals	
EMC Verification	U.S.: FCC Part 15 Class A Canada: ICES-003
Safety Verification	U.S. & Canada: UL/cUL, VCC

