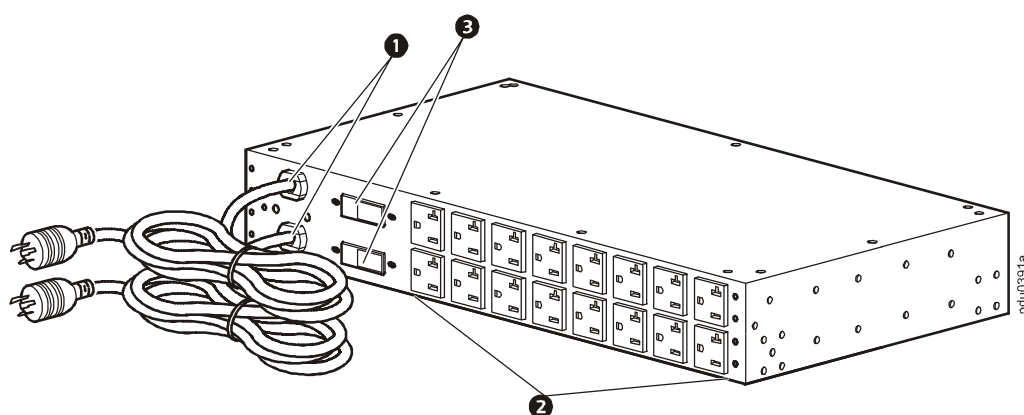


# Automatic Transfer Switch

## 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—AP7753



	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 L5-30 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 sixteen (16) 5-20R outlets.
❸	Circuit breakers	The ATS is protected by two (2) 20 A single-pole circuit breakers.

# Specifications

## AP7753

### 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) L5-30 power cords
Output connectors	Sixteen (16) 5-20R outlets
Maximum output current	16 A–5-20R outlet 20 A–bank
Maximum output/input current	24 A
Overload protection	
Internal	Two (2) 20 A single-pole circuit breakers
External (recommended)	30 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)	8.81 x 43. x 23.62 cm (3.47 x 17.00 x 9.30 in)
Shipping dimensions (H x W x D)	18.42 x 61.29 x 35.56 cm (7.25 x 24.13 x 14.00 in)
Weight	6.33 kg (13.95 lb)
Shipping weight	8.82 kg (19.45 lb)

### Environmental

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

### Compliance

EMC approvals	FCC-Class A, ICES-003 Class A
Safety approvals	TUVR-NRTL, TUVR-C