

Product data sheet

Specifications



APC Smart-UPS, Line Interactive, 750VA, Tower, 120V, 6x NEMA 5-15R outlets, SmartConnect Port + SmartSlot, AVR, LCD

SMT750C

Overview

Presentation Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.

Lead time Usually in Stock

Main

Main Input Voltage 120 V

Other Input Voltage 110 V
125 V

Main Output Voltage 120 V

Other Output Voltage 110 V
125 V

Kw Rating 500 W

Rated power in VA 750 VA

Input Connection Type NEMA 5-15P

Nb of power socket outlets 6 NEMA 5-15R

Cable length 6 ft (1.83 m)

Number of cables 1

Battery Type Lead-Acid battery

Provided equipment USB cable

General

Number of power module filled slots 0

Number of power module free slots 0

Product web sub-family Cloud-enabled monitoring

Redundant No

Physical

Color Black

Height 6.34 in (16.1 cm)

Width 5.43 in (13.8 cm)

Depth	14.53 in (36.9 cm)
Net Weight	27.56 lb(US) (12.5 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes

Input

Efficiency at full load	75...154 V adjustable 82...144 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Harmonic distortion	Less than 5%
Maximum configurable power in VA	750 VA
Max Configurable Power (Watts)	500 W
Transfer Time	6ms typical : 10ms maximum
Topology	Line Interactive
Waveform Type	Sine wave
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product Certifications	cULus ENERGY STAR V2.0 (USA)
Equipment protection policy	Lifetime : \$150000
Standards	CSA C22.2 No. 107.1 FCC Part 15 class A ICES-003 UL 1778

Environmental

Acoustic level	41 dBA
Heat dissipation	90 Btu/h
Operating altitude	0...10000 ft
Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0.00...15240.00 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Batteries & Runtime

Battery Voltage	24 V
Extendable Run Time	0
Battery Capacity	7.0 Ah

Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery Life	3...5 year(s)
Battery power in VAH	146 VAh runtime
Battery Charge Power (Watts)	49 W rated

Communications & Management

Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Control panel	Multi-function LCD status and control console
Free slots	1

Surge Protection and Filtering

Surge energy rating	540 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m