Eaton 5SC UPS technical specifications*

Model overview

Catalog number	Power rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)	Weight (lb.)
5S Tower 120V, 50/60 Hz Models					
5SC500	500/350	5-15P (6 ft)	(4) 5-15R	8.2 x 5.9 x 9.4	15.2
5SS750	750/525	5-15P (6 ft)	(6) 5-15R	8.2 x 5.9 x 13.4	23.1
5SC1000	1000/700	5-15P (6 ft)	(8) 5-15R	8.2 x 5.9 x 13.4	25.6
5SC1500	1440/1080	5-15P (6 ft)	(8) 5-15R	8.2 x 5.9 x 16.1	34.0
5S Tower 230V, 50/60 Hz Models					
5SC500G	500/350	C14	(4) C13	8.2 x 5.9 x 9.4	15.0
5SC750G	750/525	C14	(6) C13	8.2 x 5.9 x 13.4	23.1
5SC1500G	1500/1050	C14	(8) C13	8.2 x 5.9 x 16.1	33.5

*Due to continuing product improvement programs, specifications are subject to change without notice.

Battery runtimes**

Wattage:	18	28	35	70	105	140	175	210	245	280	315	350
5SC500	118.0	89.0	64.0	29.0	19.6	16.3	12.1	10.4	8.9	7.1	5.3	4.7

Wattage:	26	42	53	105	158	210	263	315	368	420	473	525
5SC750	120.0	89.0	71.0	36.0	24.0	16.6	12.6	10.6	8.7	7.0	6.0	5.0
5SC750G	124.0	100.0	74.0	38.0	23.0	16.5	12.6	10.7	8.8	7.0	6.0	4.9

Wattage:	35	56	70	140	210	280	350	420	490	560	630	700
5SC1000	111.0	85.0	66.0	35.5	23.0	17.0	12.7	10.6	8.7	7.0	5.9	4.8

Wattage:	54	86	108	216	324	432	540	648	756	864	972	1080
5SC1500	136.0	111.0	90.0	40.7	24.9	17.5	12.8	10.5	8.6	6.9	5.9	5.0
5SC1500G	144.0	109.0	90.0	41.0	24.7	17.3	12.7	10.4	8.4	6.8	5.8	4.8

**Runtimes are displayed in minutes. Runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc. View interactive runtime graphs at www.eaton.com/5SC.

Additional specifications

General	
Graphical LCD	Graphical display. UPS status in a single view
LED	UPS On LED
Topology	Line interactive
Configuration	Tower
Color	Black
Warranty	3 years including batteries
Contents (Ships with the following items)	• UPS • Input power cord • User manual, safety instructions and warranty for connected equipment • USB and serial cable and software CD ***G-Models only:*** • 2 IEC output power cords • No input power cord

Electrical input	
Nominal voltage	120V: 100/110/120V 230V (G models): 220/230/240V
Default voltage	Low Voltage: 120V High Voltage: 230V
Input voltage range	120V: 96-144 Vac 230V: 184-276 Vac
Frequency	50/60 Hz
Frequency range	60 Hz: 55–65 Hz 50 Hz: 45–55 Hz
Electrical output	
On utility voltage regulation	120V: 108-127 Vac 230V: 207-243 Vac
On battery voltage regulation	-10%, +6% of nominal
Efficiency	Normal or line mode: >90% above 50% load, >94% at 100% load
Frequency tolerance	±0.1 Hz
Over current protection	Electronic current limit
Battery	
Battery description	Sealed, lead-acid; maintenance free
Battery management	ABM technology; 3-stage charging extends battery service life by 50% and provides advance warning for battery replacement
Battery replacement	Replaceable internal batteries (not hot-swappable)
Start on battery	Cold-start enabled; first unit start up requires utility power
Communications	
User interface	LCD graphical display. UPS status in a single view.
Communication ports	USB port as standard (HID) - USB Cord Included RJ45 Serial Port – Serial Cord included
Power management software	IPP / IPM
Environmental & standards	
RoHS compliance	Yes
Surge protection	IEEE ANSI C62.41 Cat B2
EMC compliance	120V: FCC Part 15 subpart B Class A IEC 62040-2 C1/ EN 55024 / CISPR22 Class B / FCC part 15 Class B
Audible noise	< 40 dB at 1 meter
Operating temperature	0° to 40°C (32°F to 104°F)
Safety Markings	120V: cULus / CE 230V: CE / cTUVus / EAC (GOST) / C-tick
Storage temperature	-15°C to 50°C (5°F to 122°F)
Relative humidity	0 to 95% non-condensing
Altitude	Up to 2000m (6,500 ft) without de-rating, Up to 3000m (9,843 ft) requires de-rating to 90%