

## Eaton 5SC UPS technical specifications\*

### Model overview

Catalog number	Power rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)	Weight (lb.)
<b>5S Tower 120V, 50/60 Hz Models</b>					
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
<b>5S Tower 230V, 50/60 Hz Models</b>					
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
<b>5SC500</b>	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
<b>5SC750</b>	120.0	89.0	71.0	36.0	24.0	16.6	12.6	10.6	8.7	7.0	6.0	5.0
<b>5SC750G</b>	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
<b>5SC1000</b>	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
<b>5SC1500</b>	136.0	111.0	90.0	40.7	24.9	17.5	12.8	10.5	8.6	6.9	5.9	5.0
<b>5SC1500G</b>	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](http://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)	<ul style="list-style-type: none"> <li>• UPS</li> <li>• Input power cord</li> <li>• User manual, safety instructions and warranty for connected equipment</li> <li>• USB and serial cable and software CD</li> </ul> <p><b>G-Models only:</b></p> <ul style="list-style-type: none"> <li>• 2 IEC output power cords</li> <li>• No input power cord</li> </ul>

<b>Electrical input</b>	
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
<b>Electrical output</b>	
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
<b>Battery</b>	
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
<b>Communications</b>	
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
<b>Environmental &amp; standards</b>	
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%