

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 runtime	es**											
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

Additional Specification	710			
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 cordsNo input power cord			

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Electrical input						
Nominal voltage	120V: 100/110/120V					
Trommar voltage	230V (G models): 220/230/240V					
Default voltege	,					
Default voltage	Low Voltage: 120V					
Input voltage range	High Voltage: 230V 120V: 96-144 Vac					
input voltage range						
Frequency	230V: 184-276 Vac					
Frequency range	50/60 Hz					
Frequency range	60 Hz: 55–65 Hz 50 Hz: 45–55 Hz					
Electrical output	30 Hz. 43–33 Hz					
On utility voltage	120V: 108-127 Vac					
regulation	230V: 207-243 Vac					
On battery voltage						
regulation	-10%, +6% of nominal					
Efficiency	Normal or line mode: >000/ above 500/ lead >040/ at 1000/ lead					
Frequency tolerance	Normal or line mode: >90% above 50% load, >94% at 100% load ±0.1 Hz					
Over current	Electronic current limit					
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					
battery management	warning for battery replacement					
Battery replacement	Replaceable internal batteries					
Бапету геріасеттеті	(not hot-swappable)					
Start on battery	Cold-start enabled; first unit start up requires utility power					
Communications	Oold-Start eriabled, first drift start up requires driftly power					
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User interface	LCD graphical display. UPS status in a single view.					
Communication	USB port as standard (HID) - USB Cord Included					
ports	RJ45 Serial Port – Serial Cord included					
Power management	IPP / IPM					
software Environmental & star	adayda					
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	0° to 40°C (32°F to 104°F)					
temperature	400)/_					
Safety Markings	120V: cULus / CE					
0, ,	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%					