Eaton 5S UPS technical specifications[1]

Model overview

Catalog number	Power rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)	Weight (lb.)
Tower 120V, 50/60 Hz models					
5S550	550/330	5-15P (6 ft)	(8) 5-15R	9.8 x 3.4 x 10.2	12.6
5S700	700/420	5-15P (6 ft)	(8) 5-15R	9.8 x 3.4 x 10.2	14.7
5S700LCD	700/420	5-15P (6 ft)	(8) 5-15R	9.8 x 3.4 x 10.2	15.1
5S1000LCD	1000/600	5-15P (6 ft)	(8) 5-15R	9.8 x 3.4 x 15.0	21.7
5S1500LCD	1500/900	5-15P (6 ft)	(10) 5-15R	9.8 x 3.4 x 15.0	26.1
Tower 230V, 50/60 Hz models					
5S700G	700/420	C14	(6) C13	9.8 x 3.4 x 10.2	13.2
5S1500G	1500/900	C14	(8) C13	9.8 x 3.4 x 15.0	24.6

Battery runtimes[2]

Model \ Wattage	30W	60W	90W	120W	150W	180W	210W	240W	270W	300W	330W	360W	390W	420W
5S550	121	56	31	20	14	10	8	6	5	4	1			
5S700 & 5S700G	151	75	37	30	21	14	12	11	9	7	6	5	3	2
5S700LCD	86	67	36	27	20	15	11	9	7	6	5	4	2	2

Model \ Wattage	120W	180W	240W	300W	360W	420W	480W	540W	600W	660W	720W	780W	840W	900W
5S1000LCD	43	26	18	14	10	9	6	4	3					
5S1500 & 5S1500G	79	43	30	22	17	13	10	9	8	6	5	4	3	2
1500VA (LCD)	71	42	31	22	16	13	10	8	7	6	5	4	3	2

Additional specifications

General	5S550 5S700	5S700LCD 5S1000LCD 5S1500LCD	5S700G 5S1500G
Graphical LCD	None	Graphical display. UPS status in a single view	None
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 (in 18 languages) and safety instructions − Warranty for connected equipment − USB cable and Software CD *G-Models only:* − 2 IEC output power cords − No input power cord		
Electrical input			
Nominal voltage	120V: 100/120/127V 230V(G models): 220/230/240V		
Default voltage	Low Voltage: 120V High Voltage: 230V		

Communications	5S550 5S700	5S700LCD 5S1000LCD 5S1500LCD	5S700G 5S1500G
Input voltage range	120V: 93-138 Vac 230V: 175-275 Vac		
Frequency	50/60 Hz		
Frequency range	60 Hz: 46–70 Hz 50 Hz: 57–70 Hz		
Electrical output			
On utility voltage regulation	120V: 102-132 Vac 230V: 184-256 Vac		
On battery voltage regulation	-20%, +15% of nominal		
Efficiency	Normal or line mode: >95% above 60% load		
Frequency tolerance	±0.1Hz		
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	Tool-less, replaceable internal batteries (not hot-swappable)		
Start on battery	Cold-start enabled; first cold start is always forbidden		
User interface	None	LCD graphical display. UPS status in a single view.	None
LEDs	UPS On LED		
Communication ports	USB port as standard (HID) USB Cord Included		
Power management software	Eaton UPS Companion Software		
Environmental & standards			
RoHS compliance	Yes		
Surge protection	IEEE ANSI C62.41 Cat B2		
EMC compliance	120V: FCC Part 15 subpart B Class B IEC 62040-2 C1/ EN 55024 / CISPR22 Class B / FCC part 15 Class B		
Audible noise	< 25 dB at 1 meter		
Operating temperature	0° to 35°C (32°F to 95°F)		
Safety Markings	CE ⊬cTUVus / NOM		
Storage temperature	-25°C to 40°C (-13°F to 104°F)		
Relative humidity	0 to 93% non-condensing		
Altitude	Up to 6,500 ft (2000m) without de-rating		

1. Due to continuing product improvement programs, specifications are subject to change without notice.
2. 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/5S.