

Eaton 5P Lithium-ion UPS technical specifications (1550 VA model)

Model overview

Catalog number	Power rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)	Weight (lb.)
5P Rackmount 1U 208/230V, 50/60Hz Models					
5P1550GR-L	1550/1100	C14	8 x C13	1.7 (1U) x 17.2 x 21.8	43

Runtime Data

Load (watts)	50W	100W	200W	400W	600W	700W	800W	1000W	1500W	2500W
5P1550GR-L			47	20	12	10	8	5		

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

Additional specifications

General	5P Rackmount
Graphical LCD	Graphical display. UPS status in a single view
LED's	3 status-indicating LEDs
Topology	Line-interactive
Configuration	Rack 1U & Wallmount
Color	Blue and black
Diagnostics	Full system self-test at power up
Warranty	5 years including batteries with product registration
Rail kit (Rack Models)	4-post rail kit (included) Optional 2-post rail kit: 1U(R): RK2PA
Remote emergency power off	ROO and RPO: Rear connector for remote on/off and power off
Contents (Ships with the following items)	UPS Quick start guide 4-post rail kit Extra wall mounting ear USB cable RS-232 serial cable <i>G-Models only:</i> 2 IEC-to-IEC jumper cables Output cable locking system Input cable locking system
Electrical input	
Nominal voltage	230V(G models): 200/208/220/230/240V
Default voltage	High Voltage: 230V
Input voltage range	208V: 160-262Vac 230V: 160-294Vac
Frequency	50/60 Hz
Frequency range	60 Hz: 47-70 Hz 50 Hz: 56.5-70 Hz

Electrical output		
On utility voltage regulation	230V: 184-256Vac	
On battery voltage regulation	-10%, +6% of nominal	
Efficiency	Normal or line mode: >96% above 60% load	
Frequency tolerance	±0.1Hz	
Over current protection	Electronic current limit	
Load segments	Two load segments for individual control	
Battery		
Battery description	Sealed, lithium-ion battery module (LiFePO4); maintenance free	
Battery management	Onboard lithium-ion battery management system, provides advanced warning for battery replacement	
Battery replacement	User replaceable lithium-ion battery module	
Start on battery	Cold-start enabled; first cold start is always forbidden	
Communications		
User interface	LCD graphical display. UPS status in a single view.	
LEDs	3 status-indicating LEDs	
Communication ports	RS-232 (RJ45) port USB port as standard (HID) 6-foot RS-232 and USB cables included	
Communications card slot	Network Card-MS (optional) Relay-MS (optional)	
Power management software	Eaton Intelligent Power Manager Software: www.eaton.com/IPM	
Environmental & standards		
RoHS compliance	Yes	
Surge protection	IEEE ANSI C62.41 Cat B2	
Safety conformance	UL1778; UL497A	
EMC compliance	FCC Part 15 subpart B Class B	
EMC markings	IEC 62040-2 C1-C2 / EN 55024 / CISPR22 Class B / FCC part 15 Class B	
Audible noise	< 45 dB at 1 meter (3000VA: < 50 dB at 1 meter)	
Operating temperature	0 to 35°C (32°F to 95°F)	
Safety conformance	CE / cULus / NOM	
Storage temperature	-15°C to 40°C (5°F to 104°F)	
Relative humidity	0 to 95% non-condensing	
Altitude	Up to 10,000ft (3000m) without de-rating	
Heat dissipation (battery fully charged)		
5P UPS Model	Line mode, BTU/hr	Battery mode, BTU/hr
5P1550GR	113	714

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