

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.