

## Eaton 5P UPS technical specifications (550 - 3000 VA models)\*

### Model overview

Catalog number	Power rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)	Weight (lb.)
<b>5P Tower 120V, 50/60 Hz Models</b>					
5P750	750/600	5-15P (6 ft)	8 x 5-15R	9.1 x 5.9 x 13.6	24
5P1000	1000/770	5-15P (6 ft)	8 x 5-15R	9.1 x 5.9 x 13.6	25
5P1500	1440/1100	5-15P (6 ft)	8 x 5-15R	9.1 x 5.9 x 17.5	36
5P2200	1950/1920	5-20P (8 ft)	4 x 5-15R, 4 x 5-20R	3.4 x 17.4 x 20.6	59
5P3000	3000/2700	L5-30P (10 ft)	4 x 5-15R, 4 x 5-20R, 1 x L5-30R	3.4 x 17.4 x 25.4	81
<b>5P Tower 208/230V, 50/60 Hz Models</b>					
5P850G	850/600	C14	6 x C13	9.1 x 5.9 x 13.6	23
5P1550G	1550/1100	C14	8 x C13	9.1 x 5.9 x 17.5	34
<b>5P Rackmount 1U 120V, 50/60 Hz Models</b>					
5P550R	550/420	5-15P (6 ft)	5 x 5-15R	1.7 (1U) x 17.2 x 14.3	20
5P750R	750/600	5-15P (6 ft)	5 x 5-15R	1.7 (1U) x 17.2 x 20.0	31
5P1000R	1000/770	5-15P (6 ft)	5 x 5-15R	1.7 (1U) x 17.2 x 20.0	33
5P1500R	1440/1100	5-15P (6 ft)	5 x 5-15R	1.7 (1U) x 17.2 x 21.8	44
<b>5P Rackmount 1U 208/230V, 50/60 Hz Models</b>					
5P850GR	850/600	C14	6 x C13	1.7 (1U) x 17.2 x 20.0	30
5P1550GR	1550/1100	C14	8 x C13	1.7 (1U) x 17.2 x 21.8	43
<b>5P Rackmount 2U 120V, 50/60 Hz Models</b>					
5P1500RT	1440/1440	5-15P (8 ft)	8 x 5-15R	3.4 x 17.4 x 20.6	65
5P2200RT	1950/1920	5-20P (8 ft)	4 x 5-15R, 4 x 5-20R	3.4 x 17.4 x 20.6	65
5P3000RT	3000/2700	L5-30P (10 ft)	4 x 5-15R, 4 x 5-20R, 1 x L5-30R	3.4 x 17.4 x 25.4	87

### Runtime data\*\*

Load (watts)	50	100	200	400	600	700	800	1000	1500	2500
5P550R	37	19	9	3						
5P750(R) 5P850G(R)		40	19	8	4					
5P1000(R)		51	25	11	7	6				
5P1500(R) 5P1550G(R)			47	20	12	10	8	5		
5P1500RT			56	26	15	11	9	7	3	
5P2200(RT)			59	33	20	16	13	8	4	
5P3000(RT)				41	27	22	18	14	9	4

\*\*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/5P](http://www.eaton.com/5P) and [www.eaton.com/5Prm](http://www.eaton.com/5Prm).

**Additional specifications**

General	5P Tower	5P Rackmount
Graphical LCD	Graphical display. UPS status in a single view	
LEDs	3 status-indicating LEDs	
Topology	Line interactive	
Configuration	Tower	Rack 1U & Rack 2U
Color	Black and silver	
Diagnostics	Full system self test at power up	
Warranty	3 years including batteries with product registration	
Rail kit	None	4-post rail kit (included) Optional 2-post rail kit: • 1U(R): RK2PA • 2U(RT): 103007018-5591
Remote emergency power off	ROO and RPO: Rear connector for remote on/off and power off	
Contents (Ships with the following items)	UPS User manual CD Intelligent Power Software CD Quick start guide USB cable RS-232 serial cable <u>G-Models only:</u> 2 IEC-to-IEC jumper cables <u>2200/3000 models only:</u> Phillips head screw driver Tower pedestals	UPS User manual CD Intelligent Power Software Suite CD Quick start guide 4-post rail kit (5P550R ears only) Extra wall mounting ear (5P1500R & 5P1550GR) USB cable RS-232 serial cable <u>G-Models only:</u> 2 IEC-to-IEC jumper cables Output cable locking system Input cable locking system <u>2200/3000 models only:</u> Tower pedestals Phillips head screw driver
<b>Electrical input</b>		
Nominal voltage	120V: 100/120/127V 230V(G models): 200/208/220/230/240V	
Default voltage	Low Voltage: 120V High Voltage: 230V	
Input voltage range	120V: 89-151 Vac 208V: 160-262 Vac 230V: 160-294 Vac	
Frequency	50/60 Hz	
Frequency range	60 Hz: 47–70 Hz 50 Hz: 56.5–70 Hz	
<b>Electrical output</b>		
On utility voltage regulation	120V: 102-132 Vac 230V: 184-256 Vac	
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	
<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	Hot-swappable internal batteries	
Start on battery	Cold-start enabled; first cold start is always forbidden	

<b>Communications</b>		
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 Software Suite CD (included)	
<b>Environmental &amp; standards</b>		
RoHS compliance	Yes	
Surge protection	IEEE ANSI C62.41 Cat B2	
Safety conformance	120V: UL1778; UL497A	
EMC compliance	120V: FCC Part 15 subpart B Class B 120V (2200/3000): FCC Part 15 subpart B Class A	
EMC markings	IEC 62040-2 C1-C2 / EN 55024 / CISPR22 Class B / FCC part 15 Class B 2200/3000 IEC 62040-2 C1-C2 / EN 55024 / CISPR22 Class A / FCC part 15 Class A	
Audible noise	< 45 dB at 1 meter (3000VA: < 50 dB at 1 meter)	
Operating temperature	0 to 35°C (32°F to 95°F) 5P1500RT, 2200 & 3000: 0 to 40°C (32°F to 104°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 10,000 ft (3000m) without de-rating	
<b>Heat dissipation (battery fully charged)</b>		
5P UPS Model	Line mode, BTU/hr	Battery mode, BTU/hr
5P550R	72	344
5P750/5P850G/ 5P750R/5P850GR	82	389
5P1000/5P1000R	106	500
5P1500/5P1550G 5P1500R/5P1550GR	113	714
5P1500RT	305	2047
5P2200/5P2200RT	305	2047
5P3000/5P3000RT	305	2047

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

## Eaton 5P UPS technical specifications (550 - 3000 VA models)\*

### Model overview

Catalog number	Power rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)	Weight (lb.)
<b>5P Tower 120V, 50/60 Hz Models</b>					
5P750	750/600	5-15P (6 ft)	8 x 5-15R	9.1 x 5.9 x 13.6	24
5P1000	1000/770	5-15P (6 ft)	8 x 5-15R	9.1 x 5.9 x 13.6	25
5P1500	1440/1100	5-15P (6 ft)	8 x 5-15R	9.1 x 5.9 x 17.5	36
5P2200	1950/1920	5-20P (8 ft)	4 x 5-15R, 4 x 5-20R	3.4 x 17.4 x 20.6	59
5P3000	3000/2700	L5-30P (10 ft)	4 x 5-15R, 4 x 5-20R, 1 x L5-30R	3.4 x 17.4 x 25.4	81
<b>5P Tower 208/230V, 50/60 Hz Models</b>					
5P850G	850/600	C14	6 x C13	9.1 x 5.9 x 13.6	23
5P1550G	1550/1100	C14	8 x C13	9.1 x 5.9 x 17.5	34
<b>5P Rackmount 1U 120V, 50/60 Hz Models</b>					
5P550R	550/420	5-15P (6 ft)	5 x 5-15R	1.7 (1U) x 17.2 x 14.3	20
5P750R	750/600	5-15P (6 ft)	5 x 5-15R	1.7 (1U) x 17.2 x 20.0	31
5P1000R	1000/770	5-15P (6 ft)	5 x 5-15R	1.7 (1U) x 17.2 x 20.0	33
5P1500R	1440/1100	5-15P (6 ft)	5 x 5-15R	1.7 (1U) x 17.2 x 21.8	44
<b>5P Rackmount 1U 208/230V, 50/60 Hz Models</b>					
5P850GR	850/600	C14	6 x C13	1.7 (1U) x 17.2 x 20.0	30
5P1550GR	1550/1100	C14	8 x C13	1.7 (1U) x 17.2 x 21.8	43
<b>5P Rackmount 2U 120V, 50/60 Hz Models</b>					
5P1500RT	1440/1440	5-15P (8 ft)	8 x 5-15R	3.4 x 17.4 x 20.6	65
5P2200RT	1950/1920	5-20P (8 ft)	4 x 5-15R, 4 x 5-20R	3.4 x 17.4 x 20.6	65
5P3000RT	3000/2700	L5-30P (10 ft)	4 x 5-15R, 4 x 5-20R, 1 x L5-30R	3.4 x 17.4 x 25.4	87

### Runtime data\*\*

Load (watts)	50	100	200	400	600	700	800	1000	1500	2500
5P550R	37	19	9	3						
5P750(R) 5P850G(R)		40	19	8	4					
5P1000(R)		51	25	11	7	6				
5P1500(R) 5P1550G(R)			47	20	12	10	8	5		
5P1500RT			56	26	15	11	9	7	3	
5P2200(RT)			59	33	20	16	13	8	4	
5P3000(RT)				41	27	22	18	14	9	4

\*\*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/5P](http://www.eaton.com/5P) and [www.eaton.com/5Prm](http://www.eaton.com/5Prm).

**Additional specifications**

General	5P Tower	5P Rackmount
Graphical LCD	Graphical display. UPS status in a single view	
LEDs	3 status-indicating LEDs	
Topology	Line interactive	
Configuration	Tower	Rack 1U & Rack 2U
Color	Black and silver	
Diagnostics	Full system self test at power up	
Warranty	3 years including batteries with product registration	
Rail kit	None	4-post rail kit (included) Optional 2-post rail kit: <ul style="list-style-type: none"> <li>• 1U(R): RK2PA</li> <li>• 2U(RT): 103007018-5591</li> </ul>
Remote emergency power off	ROO and RPO: Rear connector for remote on/off and power off	
Contents (Ships with the following items)	UPS User manual CD Intelligent Power Software CD Quick start guide USB cable RS-232 serial cable <u>G-Models only:</u> 2 IEC-to-IEC jumper cables <u>2200/3000 models only:</u> Phillips head screw driver Tower pedestals	UPS User manual CD Intelligent Power Software Suite CD Quick start guide 4-post rail kit (5P550R ears only) Extra wall mounting ear (5P1500R & 5P1550GR) USB cable RS-232 serial cable <u>G-Models only:</u> 2 IEC-to-IEC jumper cables Output cable locking system Input cable locking system <u>2200/3000 models only:</u> Tower pedestals Phillips head screw driver
<b>Electrical input</b>		
Nominal voltage	120V: 100/120/127V 230V(G models): 200/208/220/230/240V	
Default voltage	Low Voltage: 120V High Voltage: 230V	
Input voltage range	120V: 89-151 Vac 208V: 160-262 Vac 230V: 160-294 Vac	
Frequency	50/60 Hz	
Frequency range	60 Hz: 47–70 Hz 50 Hz: 56.5–70 Hz	
<b>Electrical output</b>		
On utility voltage regulation	120V: 102-132 Vac 230V: 184-256 Vac	
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	
<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	Hot-swappable internal batteries	
Start on battery	Cold-start enabled; first cold start is always forbidden	

<b>Communications</b>		
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 Software Suite CD (included)	
<b>Environmental &amp; standards</b>		
RoHS compliance	Yes	
Surge protection	IEEE ANSI C62.41 Cat B2	
Safety conformance	120V: UL1778; UL497A	
EMC compliance	120V: FCC Part 15 subpart B Class B 120V (2200/3000): FCC Part 15 subpart B Class A	
EMC markings	IEC 62040-2 C1-C2 / EN 55024 / CISPR22 Class B / FCC part 15 Class B 2200/3000 IEC 62040-2 C1-C2 / EN 55024 / CISPR22 Class A / FCC part 15 Class A	
Audible noise	< 45 dB at 1 meter (3000VA: < 50 dB at 1 meter)	
Operating temperature	0 to 35°C (32°F to 95°F) 5P1500RT, 2200 & 3000: 0 to 40°C (32°F to 104°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 10,000 ft (3000m) without de-rating	
<b>Heat dissipation (battery fully charged)</b>		
5P UPS Model	Line mode, BTU/hr	Battery mode, BTU/hr
5P550R	72	344
5P750/5P850G/ 5P750R/5P850GR	82	389
5P1000/5P1000R	106	500
5P1500/5P1550G 5P1500R/5P1550GR	113	714
5P1500RT	305	2047
5P2200/5P2200RT	305	2047
5P3000/5P3000RT	305	2047

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