

# Eaton 5P850GR

Catalog Number: 5P850GR

Eaton 5P UPS, 1U, 850 VA, 600 W, C14 input, Outputs: (4) C13, 230V, true sine wave, network card optional

## General specifications



Product Name

Eaton 5P UPS

Catalog Number

5P850GR

UPC

743172043078

Product Length/Depth

20 in

Product Height

1.7 in

Product Width

17.4 in

Product Weight

30.4 lb

Warranty

3 year on electronics, 3 year on batteries with registration

Compliances

CE Marked  
RoHS Compliant

Certifications

UL 497A  
NOM  
cTUVus  
UL 1778  
cULus Listed  
IEC 62040-2 C1-C2 / EN 55024 /  
CISPR22 Class B / FCC part 15 Class B

## Battery

### [Runtime graph](#)

View runtime graph

### [Battery management](#)

ABM technology (3-stage charging extends battery service life by 50% and provides advance warning for battery replacement)

### [Battery replacement](#)

User replaceable

### [Battery type](#)

Sealed, lead-acid

### [Extended battery capability](#)

None; See Eaton 5PX UPS for extended runtimes options

## Electrical output

### [Receptacle](#)

(4) C13

### [Topology](#)

Line-interactive

### [Wattage](#)

600 W

### [VA rating](#)

850 VA

### [Output waveform](#)

Sine wave

### [Voltage](#)

230V

### [Output power factor](#)

0.7

### [Output nominal voltage](#)

230V default (200/208/220/230/240V)

### [Output voltage range](#)

184-256 Vac

### [Output frequency](#)

50/60 Hz

### [Feed type](#)

1

## Electrical input

### [Input connection](#)

C14

### [Input nominal voltage](#)

230V default (200/208/220/230/240V)

### [Input voltage range](#)

160-294 V (adjustable to 150 V-294 V)

### [Nominal frequency](#)

50-60 Hz

### [Input frequency range](#)

47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40-70 Hz in low-sensitivity mode

## Communications

### [Communication](#)

RS-232 (RJ45) ports; USB port as standard (HID). 6-foot RS-232 and USB cables included

### [Expansion slots](#)

One slot; Gigabit Network Card (Network-M2) is optional

### [Software compatibility](#)

Eaton Intelligent Power Manager

### [User interface](#)

LCD graphical display

Input power factor

1

Environmental

Altitude

Up to 10,000 ft (3000m) without de-rating

BTU Rating

Online: 82, Battery 389

Noise level

<45 dB at 1 meter

Relative humidity

0-90% non-condensing

Temperature range

0° to 35°C (32° to 95°F)

Additional specifications

Special features

ROO/RPO: Rear terminal block connector for remote on/off and power off

Form factor

Rack

Rack size

1U

Warranty and support

Standard factory warranty

- 3-YEAR FACTORY WARRANTY w/ REGISTRATION
- 3 years
- Parts, electronics, and batteries coverage
- Standard ground shipping
- Technical support

Extended service plans

- ADVANCED DEPOT EXCHANGE
- 5-YEAR DEPOT REPAIR: 5SW5Y-950UC
- Expedited parts coverage for 5 years
- Parts, electronics and UPS batteries coverage
- Next business day shipping
- Technical support
- 5-YEAR ON-SITE PLAN: WFLN75XX-2509UC
- On-site parts and labor coverage for years 5
- Parts, electronics and UPS batteries coverage
- 24x7 on-site labor

coverage, next-day  
response  
- Next-day shipping  
- Technical support

## Resources

### Brochures

[Eaton 5P Rackmount UPS brochure](#)

[5-series UPS overview brochure](#)

### Drawings

[Eaton 5P UPS 3D drawings](#)

[Eaton 5P850GR 2D drawing](#)

[Eaton 5P UPS visio stencils](#)

[Eaton 5P850GR 3D drawing](#)

### Manuals and user guides

[Eaton 5P UPS installation and user manual](#)

### Specifications and datasheets

[Eaton Specification Sheet - 5P850GR](#)



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