

# Specifications



Photo is representative



## Eaton PSG120E

Power Supply, 120W, Single-phase, 100-240V input voltage, 24 Vdc  $\pm$  2% output voltage, 1.4A input current, 5A output current, less than 80A inrush current, 47-63 Hz, 85-264V, 120-375 Vdc, Aluminum enclosure, Heavy-duty screw terminals

### General specifications

|                             |                                                                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton PSG general purpose power supply                                                                                                                                           |
| <b>CATALOG NUMBER</b>       | PSG120E                                                                                                                                                                          |
| <b>UPC</b>                  | 786685215440                                                                                                                                                                     |
| <b>PRODUCT LENGTH/DEPTH</b> | 4.76 in                                                                                                                                                                          |
| <b>PRODUCT HEIGHT</b>       | 4.53 in                                                                                                                                                                          |
| <b>PRODUCT WIDTH</b>        | 1.97 in                                                                                                                                                                          |
| <b>PRODUCT WEIGHT</b>       | 0.81 lb                                                                                                                                                                          |
| <b>WARRANTY</b>             | Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first. |
| <b>COMPLIANCES</b>          | German Safety<br>CE Marked<br>RoHS Compliant                                                                                                                                     |
| <b>CERTIFICATIONS</b>       | UL 508<br>cULus/UL 60950-1<br>CSA Certified<br>IEC Rated<br>cUL Certified<br>EN Listed                                                                                           |
| <b>CATALOG NOTES</b>        | Ratings for single-phase are at 115V. 0 Hz at DC input.                                                                                                                          |

## Product specifications

### SPECIAL FEATURES

Varistor transient surge voltage, surge voltage protection against internal surge, safety class 1 with ground connection, finger-safe cover

### OPERATING TEMPERATURE - MAX

75 °C

### OPERATING TEMPERATURE - MIN

-20 °C

### POWER CONSUMPTION

120 W

### PHASE

Single-phase

### VOLTAGE RATING

85-264 Vac, 100-375 Vdc

### FREQUENCY RATING

47-63 Hz

### ENCLOSURE MATERIAL

Aluminum

### OUTPUT VOLTAGE

24 V

### TERMINALS

Heavy-duty screw

### INPUT VOLTAGE

100-240 Vac

### SERIES

PSG

### RATED OPERATIONAL CURRENT

7.5 A surge  
Less than 80 A inrush  
5 A output  
1.4 A input

## Resources

### MULTIMEDIA

[How to size and select a Power Supply](#)

### SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - PSG120E](#)

### WARRANTY GUIDES

[Selling Policy 25-000 - Distribution and Control Products and Services](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



### Eaton Corporation plc

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30 Pembroke Road  
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