

Eaton PSG120E

Catalog Number: 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

Product Name	Catalog Number
Eaton PSG general purpose power supply	PSG120E
	UPC
	786685215440

Product Length/Depth	Product Height
4.76 in	4.53 in

Product Width	Product Weight
1.97 in	0.81 lb

Warranty	Compliances
Eaton Selling Policy 25-000, one (1) year German Safety from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.	CE Marked RoHS Compliant

Certifications
UL 508
cULus/UL 60950-1
CSA Certified
IEC Rated
cUL Certified
EN Listed

Catalog Notes

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

Phase

Single-phase

Operating temperature - min

-20 °C

Input voltage

100-240 Vac

Output voltage

24 V

Enclosure material

Aluminum

Series

PSG

Power consumption

120 W

Operating temperature - max

75 °C

Frequency rating

47-63 Hz

Terminals

Heavy-duty screw

Voltage rating

85-264 Vac, 100-375 Vdc

Rated operational current

7.5 A surge

Less than 80 A inrush

5 A output

1.4 A input

Resources

Brochures

[Eaton's PSG Series Power Supplies](#)

Catalogs

[Eaton's Volume 7—Logic Control, Operator Interface and Connectivity Solutions](#)

Drawings

[PSG120E AutoCAD 2D Footprint \(mm\)](#)

Installation instructions

[Installation Instructions for PSG120E Power Supply](#)

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](#)



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