

# Eaton PSG480E

Catalog Number: PSG480E

Eaton Power Supply, 480W, Single-phase, 100-240V input voltage, 24 Vdc  $\pm$  2% output voltage, 5.7A input current, 20A output current, 47-63 Hz, 85-264V, 120-375 Vdc, Aluminum enclosure, Heavy-duty screw terminals



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton PSG general purpose power supply	PSG480E
	<b>UPC</b>
	786685215488

<b>Product Length/Depth</b>	<b>Product Height</b>
4.76 in	4.53 in

<b>Product Width</b>	<b>Product Weight</b>
6.3 in	3.95 lb

<b>Warranty</b>	<b>Compliances</b>
Eaton Selling Policy 25-000, one (1) year RoHS Compliant 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

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

## Catalog Notes

Ratings for single-phase are at 115V. 0 Hz at DC input.

## defaultTaxonomyAttributeLabel

### 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

480 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

20 A output

30 A surge

5.7 A input

## Resources

### Brochures

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

### Catalogs

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

### Drawings

[PSG480E 2D PDF](#)

[PSG480E 3D Inventor](#)

[PSG480E 2D Drawing Xchange](#)

[PSG480E AutoCAD 2D Footprint \(mm\)](#)

[PSG480E AutoCAD 2D Footprint](#)

### Installation instructions

[Installation Instructions for PSG480E Power Supply](#)

### Multimedia

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

### Specifications and datasheets

[Eaton Specification Sheet - PSG480E](#)



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://Eaton.com/socialmedia)

# Eaton PSG480E

Catalog Number: PSG480E

Eaton Power Supply, 480W, Single-phase, 100-240V input voltage, 24 Vdc  $\pm$  2% output voltage, 5.7A input current, 20A output current, 47-63 Hz, 85-264V, 120-375 Vdc, Aluminum enclosure, Heavy-duty screw terminals



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton PSG general purpose power supply	PSG480E
	<b>UPC</b>
	786685215488

<b>Product Length/Depth</b>	<b>Product Height</b>
4.76 in	4.53 in

<b>Product Width</b>	<b>Product Weight</b>
6.3 in	3.95 lb

<b>Warranty</b>	<b>Compliances</b>
Eaton Selling Policy 25-000, one (1) year RoHS Compliant 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

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

## Catalog Notes

Ratings for single-phase are at 115V. 0 Hz at DC input.

## defaultTaxonomyAttributeLabel

### 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

480 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

20 A output

30 A surge

5.7 A input

## Resources

### Brochures

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

### Catalogs

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

### Drawings

[PSG480E 2D PDF](#)

[PSG480E 3D Inventor](#)

[PSG480E 2D Drawing Xchange](#)

[PSG480E AutoCAD 2D Footprint \(mm\)](#)

[PSG480E AutoCAD 2D Footprint](#)

### Installation instructions

[Installation Instructions for PSG480E Power Supply](#)

### Multimedia

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

### Specifications and datasheets

[Eaton Specification Sheet - PSG480E](#)



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://Eaton.com/socialmedia)