

# 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



## 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.

## 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

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](#)

### Drawings

[PSG480E AutoCAD 2D Footprint](#)

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

[PSG480E 3D Inventor](#)

[PSG480E 2D Drawing Xchange](#)

[PSG480E 2D PDF](#)

### Installation instructions

[Installation Instructions for PSG480E Power Supply](#)

### Multimedia

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

### Specifications and datasheets

[Eaton Specification Sheet - PSG480E](#)



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