

Product Overview

Power Supplies Selection Guide



Description	PSG Power Supplies	ELC Power Supplies
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Technical Data		
Output voltage	24 Vdc	24 Vdc
Input voltage	85–264 Vac/120–375 Vdc or 320–575 Vac/450–800 Vdc	85–264 Vac
Mounting	DIN rail	DIN rail/panel
Outrush current (current boost/surge)	150% of nominal	110% of nominal
Class 1, Division 2	Yes	Yes
Semi 47 approved	Yes	—
Housing material	Metal	Plastic
Adjustable output voltage	22–28 Vdc	—
Redundancy allowed	Yes	—
Connection	Large screw terminals	Large screw terminals
Overload/short circuit protection	Yes	Yes

PSG Power Supplies



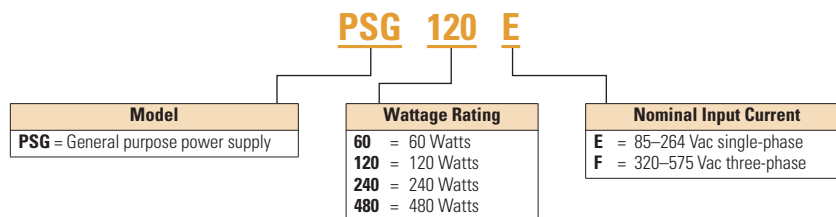
Features

- Universal input voltages:
 - 85–264 Vac for single-phase units, 320–575 Vac for three-phase units
 - Rugged aluminum housing stands up to harsh environments
- Compact size, with common depth and height across all models allows for common panel depths and family consistency
- Heavy-duty screw terminals with finger-safe protective cover allow use of ring-lug terminals
- Class 1, Division 2 hazardous location rated

Catalog Number Selection

PSG Power Supplies

PSG



Product Selection

Semi F47 Certified for Voltage Sag Immunity PSG Power Supply

Description	Catalog Number
Single-phase 85–264 Vac input, 24 Vdc/2.5A output	PSG60E
Three-phase 320–575 Vac input, 24 Vdc/2.5A output	PSG60F
Single-phase 85–264 Vac input, 24 Vdc/5A output	PSG120E
Three-phase 320–575 Vac input, 24 Vdc/5A output	PSG120F
Single-phase 85–264 Vac input, 24 Vdc/10A output	PSG240E
Three-phase 320–575 Vac input, 24 Vdc/10A output	PSG240F
Single-phase 85–264 Vac input, 24 Vdc/20A output	PSG480E
Three-phase 320–575 Vac input, 24 Vdc/20A output	PSG480F

ELC Power Supplies



Features

- Compact and low-cost source for 24 Vdc power
- Universal input voltage: 85–264 Vac
- Compact size, with common depth and height across models allows for common panel depths and family consistency
- Power On indication LED
- Integrated mounting hardware for panel mounting or DIN rail mounting

Product Selection

ELC Power Supplies

ELC

Description	Catalog Number
24W, 1A power supply	ELC-PS01
48W, 2A power supply	ELC-PS02

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