

Reliable power in a compact solution



The Eaton compact (PSC) series of power supplies are ultra-compact and cost effective, designed for industrial applications requiring highly reliable power within a tight space. The PSC series features IP20 finger-safe screw terminals and provides protection from overvoltage, overcurrent and overtemperature. The series is also fully compliant with RoHS Directive 2011/65/EU for environmental protection.

Features

- Ratings—30, 50, 100 W
- Ultra-compact size
- Full power from $-20\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$ operation
- Universal single-phase ac input voltage 100–240 Vac
- Extreme low temperature cold start at $-40\text{ }^{\circ}\text{C}$
- Overvoltage / overcurrent / overtemperature protections
- IP20 protection degree

Applications

- Industrial machinery
- Conveyors and automation
- Material handling systems
- Process machine
- Custom OEM control panels
- Refrigeration, pumping and HVAC
- Ultra-compact series with thin form factor; works well in panels where space is limited for industrial applications
- Tie with HMI displays and industrial ethernet

Standards and certifications

- UL® 508
- UL 60950-1
- NEC® Class 2 circuits
- CE marked 60950
- RoHS compliant



FAQs

What is an NEC Class 2 power supply?

The NEC Class 2 model is certified as an NEC Class 2 power source. This means that after a small startup window, the power supply cannot exceed a maximum of 100 W under any circumstances, including overload, short-circuit or internal failure.

	Description	Catalog number
24 Vdc output single-phase power supplies (100–240 Vac nominal input)	30 W, 1.25 A output	PSC30E24RP
	50 W, 2.1 A output	PSC50E24RP
	100 W, 4.0 A output	PSC100E24RP



Powering Business Worldwide