

Power Supplies

November 2023

ESSENTIAL POWER

Power supplies with basic functionality

ESSENTIAL POWER power supplies are the ideal choice for high-volume, cost-sensitive opportunities, particularly those found in commercial, controlled-environment applications. These applications require a fundamental and reliable 24 V power supply.

ESSENTIAL power supplies offer basic industry standards as well as the 61588-2-16 safety transformer standard. In addition, there is an international approval package, a wide temperature range, and a flexible wide-range input. ESSENTIAL power supplies provide a reliable solution with a focus on basic functionality.



Application examples

- Building automation including lighting, shading, and HVAC
- Vending machines
- Test and simulation
- Solar cell production
- Printers and scanners

Features and benefits

- Protection
 - MOV
 - Fused input
 - Short-circuit
 - Over-voltage
 - Over-current
 - Over-temperature
- Vibration and shock resistance
- MTBF>2300000 h (40°C)
- Quick installation, universally applicable
- Wide temperature range
- UL Listed

Power Supplies

Ordering information

Order number	Type description	Description	
1394764	PS-EE-2G/1AC/24DC/60W/SC	1-phase, output: 24 V DC / 2.5 A, adjustable from 24 V DC ... 28 V DC	
1234301	PS-EE-2G/1AC/24DC/75W/SC	1-phase, output: 24 V DC / 3.125 A, adjustable from 24 V DC ... 28 V DC	
1234302	PS-EE-2G/1AC/24DC/120W/SC	1-phase, output: 24 V DC / 5 A, adjustable from 24 V DC ... 28 V DC	
1234304	PS-EE-2G/1AC/24DC/240W/SC	1-phase, output: 24 V DC / 10 A, adjustable from 24 V DC ... 28 V DC	
1234308	PS-EE-2G/1AC/24DC/480W/SC	1-phase, output: 24 V DC / 20 A, adjustable from 24 V DC ... 28 V DC	

Recommended initial distribution stocking levels

Suggested quantity	Item #
500	1394764
200	1234301
300	1234302
200	1234304
150	1234308

Contact information

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