



LRS-1200 Series:


1200W Compact & Cost-Effective Enclosed Type Power Supply

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Since its launch over 20 years ago, the MEAN WELL SE-1000 series has been a best-seller, widely used in industrial control, communication equipment, LED lighting, security systems, and other applications. However, as end devices continue to evolve toward miniaturization and higher energy efficiency, the SE-1000 series has gradually become insufficient to meet current market demands. To address this shift, MEAN WELL has introduced the new **LRS-1200** series, a compact enclosed power supply.

The LRS-1200 series features major upgrades in size, efficiency, specs, safety, durability, and overall value—making it a high-performance, cost-effective replacement for the SE-1000 series. A detailed comparison between the new and old models is provided in the table below:



Series	New Generation	Old Generation
	LRS-1200 	SE-1000
Wattage	1200W	1000W
Input Voltage	180~305Vac (277Vac available)	115/230Vac by S.W
Output Voltage	12V / 24V / 36V / 48V (12V adjustable range: 12 ~ 15V)	5V / 9V / 12V / 15V / 24V / 48V
Efficiency	12V: 90% 24V: 90% 36V: 91% 48V: 92%	12V: 85% 24V: 88% 36V: --- 48V: 89%
Peak Power	150% @ duty 35%	N.A
Operating Temp.	-30~+70°C	-20~+60°C
Remote ON/OFF Control	V	V
Remote Sense	V	V
DC OK	V	V
Overvoltage Category	OVC III	OVC II
PCB Conformal Coating	V	X
Operating Altitude	5,000 M	2,000 M
Safety Certification	CB / UL / DEKRA / RCM / KC / BIS / BSMI / CQC / EAC / CE / UKCA 62368-1 + 61558-1 / 2-16 (BIS/KC applied. Out of stock. Purchases based on demand)	CB / UL / BSMI / EAC / CE / UKCA 62368-1
Dimension (L x W x H mm)	225*124*41 mm (Volume -49%)	278*127*63.5 mm
Warranty	3 Years	2 Years

FEATURES

- 180~305Vac input range, supports 277Vac for North America and resilient to power fluctuations
- 150% peak power capability
- Up to 94% efficiency
- -30°C~+70°C operating temp. (>+50°C derating)
- Protections: Short Circuit/Overload/Over Voltage / Over Temperature
- Meet Over Voltage Category III (OVC III)
- Operating altitudes up to 5000 m
- Dual safety certifications (IEC 62368 & IEC 61558) with global approvals
- 3 years warranty

APPLICATION



ORDER INFORMATION

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Output voltage (12V/ 24V/ 36V/ 48V)

Output wattage

Series name