

EPS series of switched-mode power supplies.
 Ratings from 65 Watts to 120 Watts.
 Various output voltages from 3.3V to 48V.
 Cooling by free air convection.
 High efficiency up to 91%.
 Compact in size (1U low profile).
 UL, TUV, and EN approvals / CE marked.
 Full 3 year warranty.



EPS-120-12

Blank Type: Class I (65W) / Class I or Class II (120W)
S Type: Class II

A high quality and cost-effective range of single-phase input switched-mode power supplies from 65W to 120W. All units are open-type and available with a variety of output voltages, ranging from 3.3V to 48V DC. Models are compact in size, with a 1U low profile design. Models are fully protected against overload, short circuit, and over voltage, with the EPS-120 types featuring additional protection against over temperature. The units are highly efficient with efficiencies up to 91% and are cooled by free air convection. They are approved to UL, TUV, and EN standards and are CE marked. This range has been designed for chassis mounting and a wide ambient temperature range of -30°C to $+70^{\circ}\text{C}$. All units come with a full 3 year warranty for complete peace of mind after purchase.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)
EPS-65-3.3	65 Watt	90~264V AC 1ph 127~370V DC	3.3V DC 11.00A	+/- 3.0%	80mVp-p	80.0%	101.6 x 50.8 x 29.0
EPS-65-5	65 Watt	90~264V AC 1ph 127~370V DC	5.0V DC 11.00A	+/- 2.0%	80mVp-p	82.0%	101.6 x 50.8 x 29.0
EPS-65-7.5	65 Watt	90~264V AC 1ph 127~370V DC	7.5V DC 8.00A	+/- 2.0%	100mVp-p	84.0%	101.6 x 50.8 x 29.0
EPS-65-12	65 Watt	90~264V AC 1ph 127~370V DC	12.0V DC 5.42A	+/- 2.0%	120mVp-p	86.0%	101.6 x 50.8 x 29.0
EPS-65-15	65 Watt	90~264V AC 1ph 127~370V DC	15.0V DC 4.34A	+/- 2.0%	150mVp-p	87.0%	101.6 x 50.8 x 29.0
EPS-65-24	65 Watt	90~264V AC 1ph 127~370V DC	24.0V DC 2.71A	+/- 1.0%	240mVp-p	88.0%	101.6 x 50.8 x 29.0
EPS-65-36	65 Watt	90~264V AC 1ph 127~370V DC	36.0V DC 1.81A	+/- 1.0%	280mVp-p	89.0%	101.6 x 50.8 x 29.0
EPS-65-48	65 Watt	90~264V AC 1ph 127~370V DC	48.0V DC 1.36A	+/- 1.0%	300mVp-p	90.0%	101.6 x 50.8 x 29.0
EPS-65S-3.3	65 Watt	80~264V AC 1ph	3.3V DC 10.00A	+/- 2.0%	80mVp-p	80.0%	76.2 x 50.8 x 24.0
EPS-65S-5	65 Watt	80~264V AC 1ph	5.0V DC 10.00A	+/- 2.0%	80mVp-p	84.0%	76.2 x 50.8 x 24.0
EPS-65S-7.5	65 Watt	80~264V AC 1ph	7.5V DC 8.00A	+/- 2.0%	80mVp-p	85.0%	76.2 x 50.8 x 24.0
EPS-65S-12	65 Watt	80~264V AC 1ph	12.0V DC 5.42A	+/- 2.0%	120mVp-p	88.0%	76.2 x 50.8 x 24.0
EPS-65S-15	65 Watt	80~264V AC 1ph	15.0V DC 4.34A	+/- 1.0%	150mVp-p	89.0%	76.2 x 50.8 x 24.0
EPS-65S-24	65 Watt	80~264V AC 1ph	24.0V DC 2.71A	+/- 1.0%	240mVp-p	90.0%	76.2 x 50.8 x 24.0
EPS-65S-48	65 Watt	80~264V AC 1ph	48.0V DC 1.36A	+/- 1.0%	300mVp-p	91.0%	76.2 x 50.8 x 24.0
EPS-120-12	120 Watt	80~264V AC 1ph 113~370V DC	12.0V DC 10.00A	+/- 2.0%	120mVp-p	88.0%	101.6 x 50.8 x 29.0
EPS-120-15	120 Watt	80~264V AC 1ph 113~370V DC	15.0V DC 8.00A	+/- 2.5%	120mVp-p	88.5%	101.6 x 50.8 x 29.0
EPS-120-24	120 Watt	80~264V AC 1ph 113~370V DC	24.0V DC 5.00A	+/- 1.0%	150mVp-p	90.0%	101.6 x 50.8 x 29.0
EPS-120-27	120 Watt	80~264V AC 1ph 113~370V DC	27.0V DC 4.50A	+/- 1.0%	150mVp-p	90.0%	101.6 x 50.8 x 29.0
EPS-120-48	120 Watt	80~264V AC 1ph 113~370V DC	48.0V DC 2.50A	+/- 1.0%	200mVp-p	91.0%	101.6 x 50.8 x 29.0