

EPS series of switched-mode power supplies.
Ratings from 15 Watts to 45 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-45-12

Blank Type: Class I
S Type: Class II

A high quality and cost-effective range of single-phase input switched-mode power supplies from 15W to 45W. 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-15/25/45//45S types featuring an LED indicator to indicate power on. 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 °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-15-3.3	15 Watt	85~264V AC 1ph 120~370V DC	3.3V DC 3.00A	+/- 2.0%	50mVp-p	75%	63.5 x 45.7 x 24.0
EPS-15-5	15 Watt	85~264V AC 1ph 120~370V DC	5.0V DC 3.00A	+/- 2.0%	50mVp-p	78%	63.5 x 45.7 x 24.0
EPS-15-7.5	15 Watt	85~264V AC 1ph 120~370V DC	7.5V DC 2.00A	+/- 2.0%	80mVp-p	81%	63.5 x 45.7 x 24.0
EPS-15-12	15 Watt	85~264V AC 1ph 120~370V DC	12.0V DC 1.25A	+/- 1.0%	80mVp-p	82%	63.5 x 45.7 x 24.0
EPS-15-15	15 Watt	85~264V AC 1ph 120~370V DC	15.0V DC 1.00A	+/- 1.0%	100mVp-p	83%	63.5 x 45.7 x 24.0
EPS-15-24	15 Watt	85~264V AC 1ph 120~370V DC	24.0V DC 0.63A	+/- 1.0%	150mVp-p	83%	63.5 x 45.7 x 24.0
EPS-15-27	15 Watt	85~264V AC 1ph 120~370V DC	27.0V DC 0.56A	+/- 1.0%	180mVp-p	84%	63.5 x 45.7 x 24.0
EPS-15-36	15 Watt	85~264V AC 1ph 120~370V DC	36.0V DC 0.42A	+/- 1.0%	200mVp-p	85%	63.5 x 45.7 x 24.0
EPS-15-48	15 Watt	85~264V AC 1ph 120~370V DC	48.0V DC 0.31A	+/- 1.0%	200mVp-p	85%	63.5 x 45.7 x 24.0
EPS-25-3.3	25 Watt	85~264V AC 1ph 120~370V DC	3.3V DC 5.00A	+/- 2.0%	60mVp-p	79%	76.2 x 50.8 x 24.0
EPS-25-5	25 Watt	85~264V AC 1ph 120~370V DC	5.0V DC 5.00A	+/- 2.0%	60mVp-p	81%	76.2 x 50.8 x 24.0
EPS-25-7.5	25 Watt	85~264V AC 1ph 120~370V DC	7.5V DC 3.40A	+/- 2.0%	80mVp-p	83%	76.2 x 50.8 x 24.0
EPS-25-12	25 Watt	85~264V AC 1ph 120~370V DC	12.0V DC 2.10A	+/- 1.0%	100mVp-p	86%	76.2 x 50.8 x 24.0
EPS-25-15	25 Watt	85~264V AC 1ph 120~370V DC	15.0V DC 1.70A	+/- 1.0%	100mVp-p	87%	76.2 x 50.8 x 24.0
EPS-25-24	25 Watt	85~264V AC 1ph 120~370V DC	24.0V DC 1.05A	+/- 1.0%	180mVp-p	88%	76.2 x 50.8 x 24.0
EPS-25-27	25 Watt	85~264V AC 1ph 120~370V DC	27.0V DC 0.95A	+/- 1.0%	180mVp-p	89%	76.2 x 50.8 x 24.0
EPS-25-36	25 Watt	85~264V AC 1ph 120~370V DC	36.0V DC 0.70A	+/- 1.0%	200mVp-p	89%	76.2 x 50.8 x 24.0
EPS-25-48	25 Watt	85~264V AC 1ph 120~370V DC	48.0V DC 0.53A	+/- 1.0%	240mVp-p	90%	76.2 x 50.8 x 24.0
EPS-35-3.3	35 Watt	85~264V AC 1ph 120~370V DC	3.3V DC 6.00A	+/- 2.5%	50mVp-p	80%	76.2 x 50.8 x 24.0
EPS-35-5	35 Watt	85~264V AC 1ph 120~370V DC	5.0V DC 6.00A	+/- 2.0%	70mVp-p	82%	76.2 x 50.8 x 24.0
EPS-35-7.5	35 Watt	85~264V AC 1ph 120~370V DC	7.5V DC 4.70A	+/- 2.0%	80mVp-p	84%	76.2 x 50.8 x 24.0
EPS-35-12	35 Watt	85~264V AC 1ph 120~370V DC	12.0V DC 3.00A	+/- 1.0%	110mVp-p	87%	76.2 x 50.8 x 24.0
EPS-35-15	35 Watt	85~264V AC 1ph 120~370V DC	15.0V DC 2.40A	+/- 1.0%	110mVp-p	88%	76.2 x 50.8 x 24.0
EPS-35-24	35 Watt	85~264V AC 1ph 120~370V DC	24.0V DC 1.50A	+/- 1.0%	180mVp-p	89%	76.2 x 50.8 x 24.0
EPS-35-27	35 Watt	85~264V AC 1ph 120~370V DC	27.0V DC 1.30A	+/- 1.0%	180mVp-p	89%	76.2 x 50.8 x 24.0
EPS-35-36	35 Watt	85~264V AC 1ph 120~370V DC	36.0V DC 1.00A	+/- 1.0%	200mVp-p	89%	76.2 x 50.8 x 24.0
EPS-35-48	35 Watt	85~264V AC 1ph 120~370V DC	48.0V DC 0.75A	+/- 1.0%	240mVp-p	90%	76.2 x 50.8 x 24.0
EPS-45-3.3	45 Watt	90~264V AC 1ph 120~370V DC	3.3V DC 8.00A	+/- 3.0%	80mVp-p	80%	101.6 x 50.8 x 29.0
EPS-45-5	45 Watt	90~264V AC 1ph 120~370V DC	5.0V DC 8.00A	+/- 2.0%	80mVp-p	82%	101.6 x 50.8 x 29.0
EPS-45-7.5	45 Watt	90~264V AC 1ph 120~370V DC	7.5V DC 5.40A	+/- 2.0%	100mVp-p	84%	101.6 x 50.8 x 29.0
EPS-45-12	45 Watt	90~264V AC 1ph 120~370V DC	12.0V DC 3.75A	+/- 2.0%	120mVp-p	87%	101.6 x 50.8 x 29.0
EPS-45-15	45 Watt	90~264V AC 1ph 120~370V DC	15.0V DC 3.00A	+/- 2.0%	150mVp-p	88%	101.6 x 50.8 x 29.0
EPS-45-24	45 Watt	90~264V AC 1ph 120~370V DC	24.0V DC 1.90A	+/- 1.0%	240mVp-p	89%	101.6 x 50.8 x 29.0
EPS-45-36	45 Watt	90~264V AC 1ph 120~370V DC	36.0V DC 1.25A	+/- 1.0%	280mVp-p	89%	101.6 x 50.8 x 29.0
EPS-45-48	45 Watt	90~264V AC 1ph 120~370V DC	48.0V DC 1.00A	+/- 1.0%	300mVp-p	90%	101.6 x 50.8 x 29.0
EPS-45S-3.3	45 Watt	80~264V AC 1ph	3.3V DC 8.00A	+/- 2.0%	80mVp-p	80%	76.2 x 50.8 x 24.0
EPS-45S-5	45 Watt	80~264V AC 1ph	5.0V DC 8.00A	+/- 2.0%	80mVp-p	83%	76.2 x 50.8 x 24.0
EPS-45S-7.5	45 Watt	80~264V AC 1ph	7.5V DC 5.40A	+/- 2.0%	80mVp-p	85%	76.2 x 50.8 x 24.0
EPS-45S-12	45 Watt	80~264V AC 1ph	12.0V DC 3.80A	+/- 2.0%	120mVp-p	88%	76.2 x 50.8 x 24.0
EPS-45S-15	45 Watt	80~264V AC 1ph	15.0V DC 3.00A	+/- 1.0%	150mVp-p	89%	76.2 x 50.8 x 24.0
EPS-45S-24	45 Watt	80~264V AC 1ph	24.0V DC 1.90A	+/- 1.0%	240mVp-p	89%	76.2 x 50.8 x 24.0
EPS-45S-48	45 Watt	80~264V AC 1ph	48.0V DC 0.94A	+/- 1.0%	300mVp-p	91%	76.2 x 50.8 x 24.0