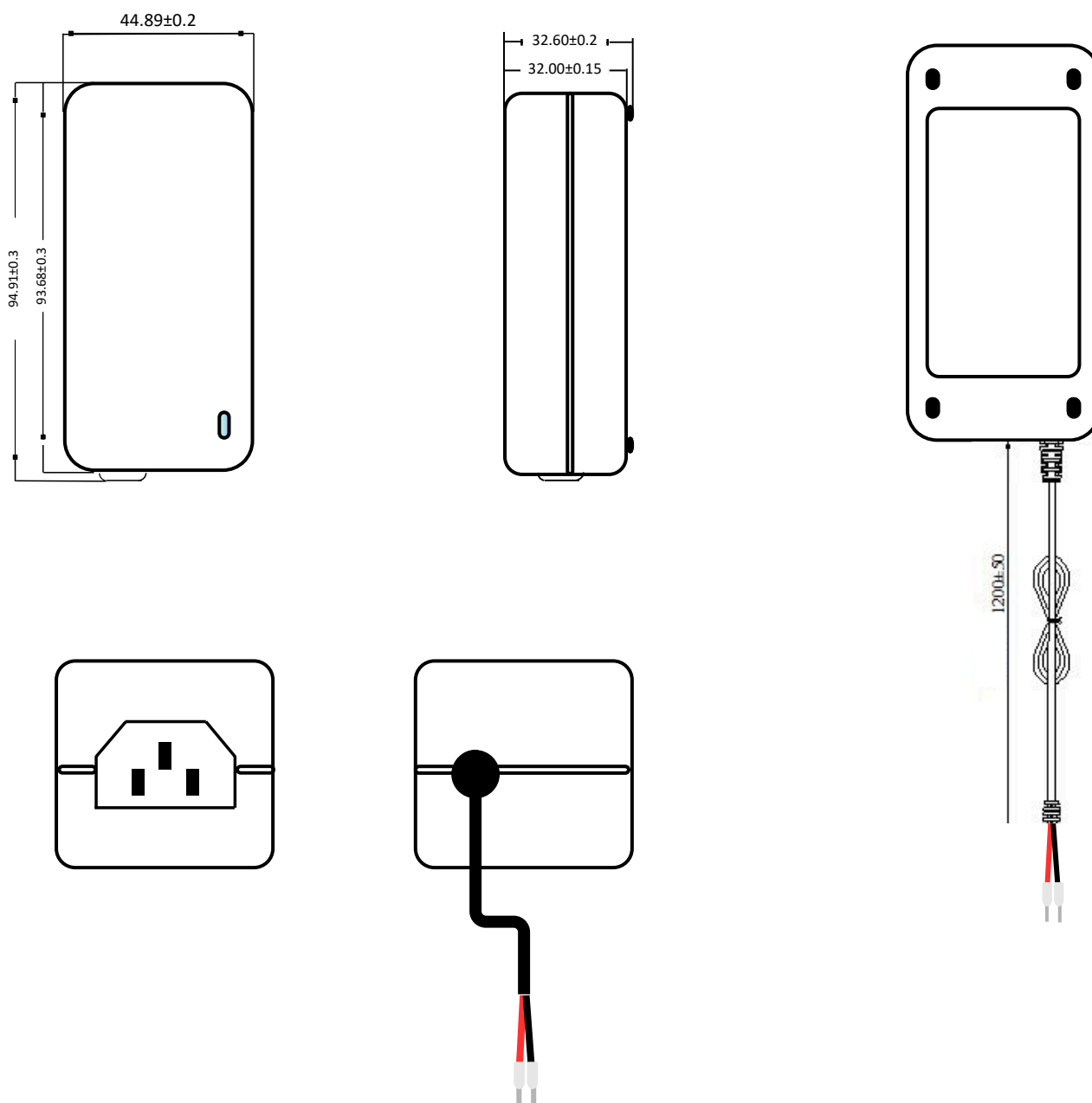


EVM-PS-12V

Power Adaptor

This power adaptor is designed to deliver stable and efficient power to electronic devices.

Dimensions



Technical Properties

Input Voltage Range	100–240 VAC (Operating: 90–264 VAC)
Input Frequency	50/60 Hz (Operating: 47–63 Hz)
Input Current	Max. 1.5 A at full load
Inrush Current	Max. 50 A at 240 VAC, cold start at 25°C
Output Voltage	12.0 VDC
Output Current	0–2.5 A
Output Power	Max. 30 W
Efficiency	≥ 86.95% average
Standby Power	Max 0.10 W
Ripple & Noise	Max 150 mVp-p
Overshoot	≤ 10% at power on/off
Turn-On Delay	≤ 3 seconds
Rise Time	≤ 100 ms
Hold-Up Time	≥ 10 ms (at full load)

Operational Properties

Operating Temperature Range	–20 to +40 °C
Storage Temperature Range	–10 to +70 °C
Humidity	5 to 90% RH (non-condensing)
Vibration – Operation	IEC 721-3-3, 5–200 Hz, 5 m/s ²
Vibration – Transport	IEC 721-3-2, up to 15 m/s ² (500 Hz)
Drop Test (Packaged)	1 meter on 6 sides

Physical Properties

Dimensions (L × W × H)	94.9 × 44.9 × 32.6 mm
Color	Black
DC Cable	UL2464, 22 AWG, 1.2 m
Plug Type	IEC60320 C14 Power Inlet (cord sold separately)

EPN	DESCRIPTION
EVM-PS-12V	Power Adaptor