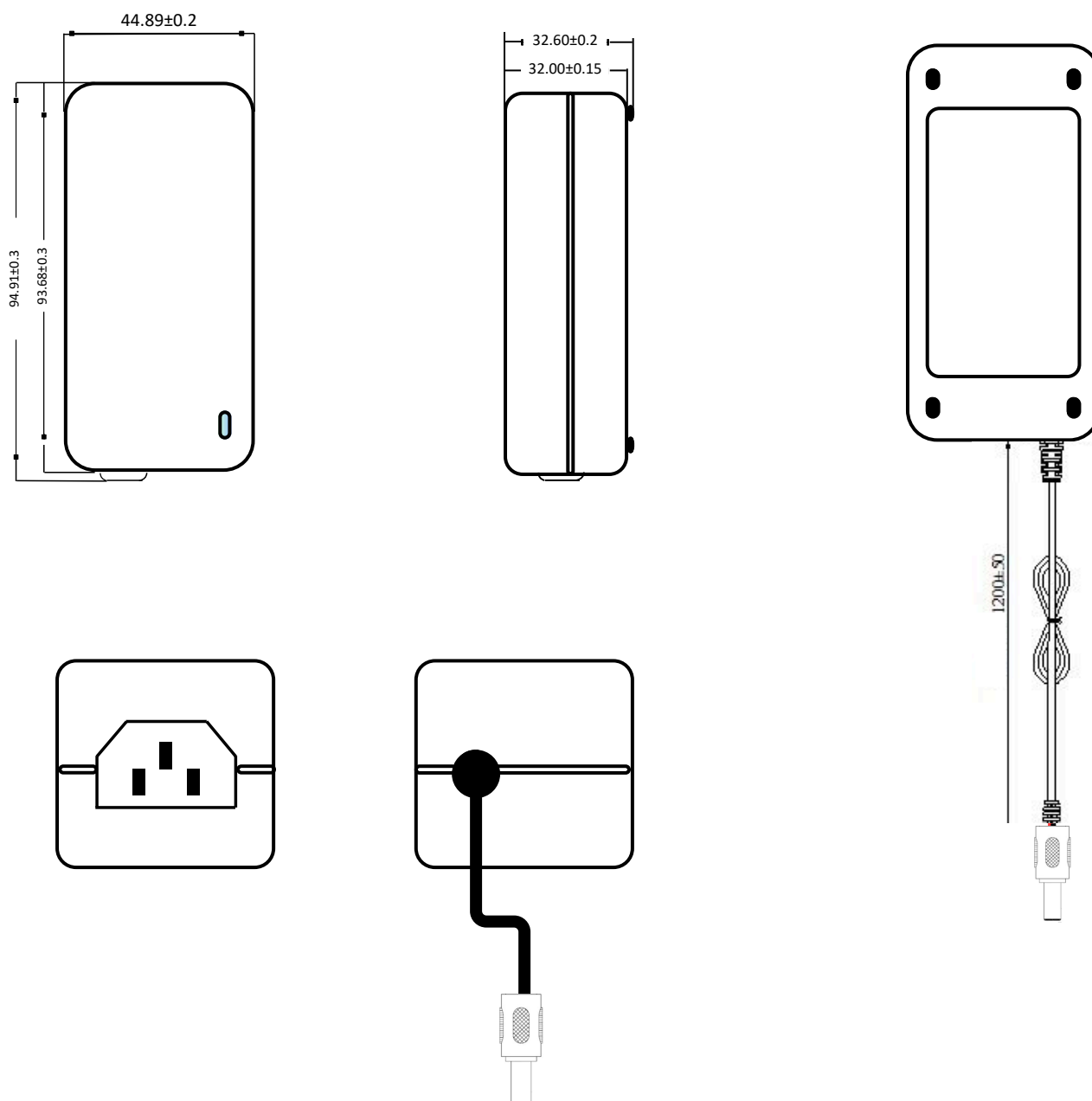


EVM-PSP-12V

Power Adaptor

230VAC/12VDC Power adaptor designed to deliver stable and efficient power to electronic devices. C14 appliance inlet and 5.5x2.1 male DC plug outlet.

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
DC Outlet	5.5 x 2.1 DC plug
Appliance inlet	IEC60320 C14 Power Inlet (cord sold separately)