

DC/DC Switching Converter



Features

- Input Voltage Protection
- LED Indicator
- Protections:
Short circuit / Over voltage / Over current
Over temperature
- Efficiency 87% Min. Nominal Input
- MTBF > 50,000 hours

ED1062 - vv PP

vv: Specified output voltage, i.e. 12 is 12VDC

PP: DC plug type, i.e. Code 01 for 5.5x2.1mm
or other options (refer to the appendix page)

General Specification

OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vo)	LOAD		LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
				MIN. (Io)	MAX. (Io)			
ED1062	90W	11~36V	12~24V	0A	6A	± 5%	± 1%	300mV

NOTE:

- 1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
- 3 : Max. Power (W) ≥ Vo x Io

INPUT

- Input Range 11 to 36 VDC
- Input Current 10A Max.
- Turn On Time ≤ 3s

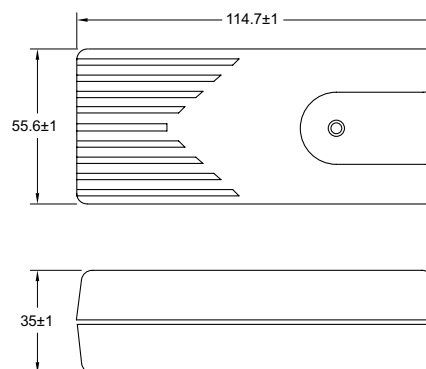
OUTPUT

- Short Circuit Protection Latch-off
- Over Voltage Protection Latch-off
- Over Current Protection Latch-off
- Over Temperature Protection Auto Recovery

ENVIRONMENT

- Operating Temperature -20 to 40°C
- Storage Temperature -20 to 85°C
- Operating Humidity 10% to 90%
- Storage Humidity 5% to 95%

MECHANICAL



- Case Size: 114.7L x 55.6W x 35H (mm)
- DC Input: 600mm cable + cigarette plug
- Weight: 300g

SAFETY

- Complied with UL 62368-1, CAN/CSA C22.2 No. 62368-1, CB IEC 62368-1, EN 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035)