

Special Features

- Universal Input Voltage range
- High Efficiency and Reliability
- Small size and low profile
- DC inlet: Standard Car Lighter plug
- High power density
- Low lose in empty load
- Low output ripple
- MTBF demonstrated: >50,000 hours



Electrical Specs

Input

- Input voltage 12~24 VDC
- Efficiency 73% min
- Input current Input cureent (RMS): 1.75A Max Vin 12VDC

Output

- Maximum power 20W max
- Over shoot $\leq 10\%$ of normal voltage value.
- Overload protection Over load protection and with auto- recovery function
- SCP short circuited protection and with auto- recovery function

Environment

- Operating temperature : 0° to 40°C
- Storage temperature : -20°C to +80°C
- Operating Humidity : 20% to 80% RH.
- Storage Humidity : 5% to 95% RH

Vibration:
Three orthogonal axes, sweep at 1 oct/min,
5 min. dwell at four

major resonances 0.75G peak 5Hz to
500Hz, operational.

Contact Information

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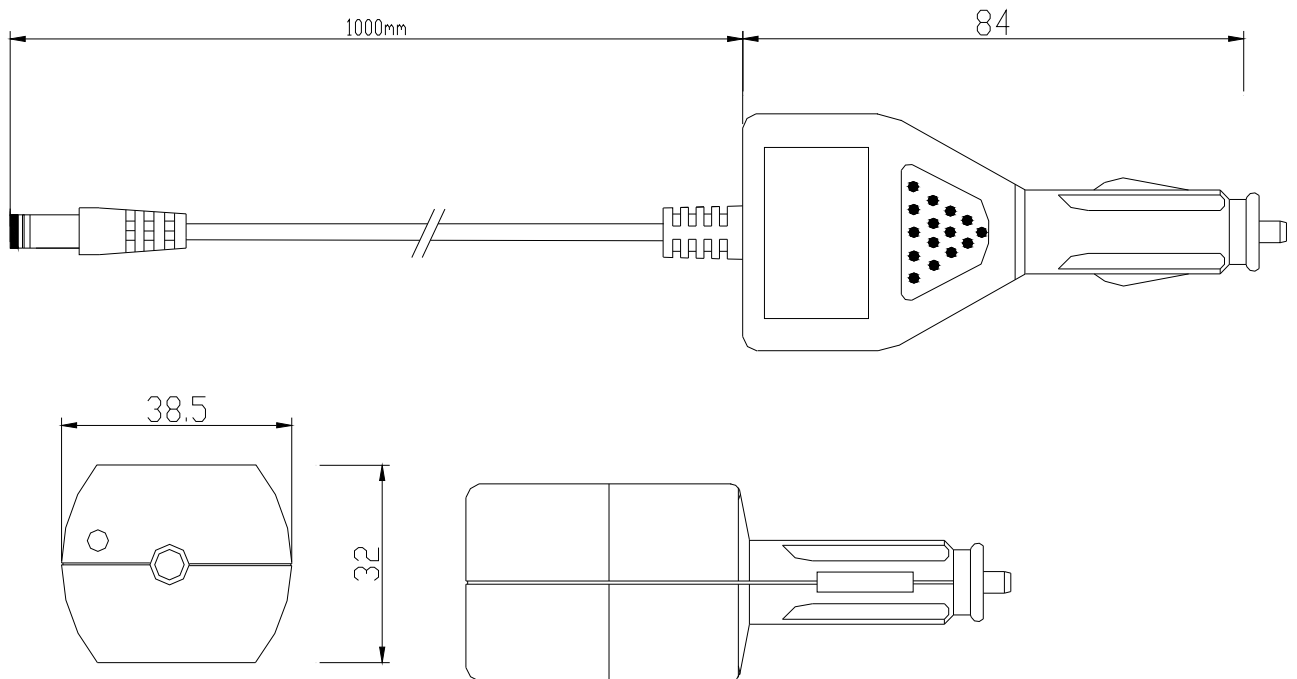
Safety

- UL

Ordering Information

Part Number	Input Volts	Output Volts	Road	Max Power	Regulation	Ripple P/P (PARD)
E-DWMxxx-yyyMY	12 - 24 Vdc	3.3 - 18 V	0.1 - 2 A	20 W	± 5%	50 - 200 mV

Mechanical Drawing



Notes:

1. Dimensions shown in mm as left.
2. Size: 84 x 38.5x 32mm (+/-1.0mm)
3. DC cable: Of your choice.

Concentric Barrel Plug		
A (OD)	B (ID)	C (L)
6.5	3.0	8~14
5.5	2.5	8~14
5.5	2.1	8~14
5.0	2.5	8~14
5.0	2.1	8~14
3.8	1.35	8~14
3.8	1.05	8~14
3.5	1.35	7~14