

Special Features

- Car cigarette plug type
- Compact size & low profile
- Optional output connector
- Standard car cigarette lighter socket
- Universal input
- Wide range input:11~15VDC
(16~30 VDC upon request)
- High efficiency
- Compact size:L99.5 * W51.5 * H30.5mm

RoHS



Electrical Specs

- | | |
|----------------------|---|
| ● Input voltage | <input type="radio"/> 8~24 VDC |
| ● Input current | <input type="radio"/> 8A rms maximum at 10VDC |
| ● Efficiency | <input type="radio"/> 80% Min |
| ● Maximum power | <input type="radio"/> 72W max |
| ● Hold-up time | <input type="radio"/> 15 msec minimum full load and 12 Vdc input |
| ● Protection | <input type="radio"/> SCP: Short circuit protection with auto-recovery
<input type="radio"/> OVP:Over voltage protection,<140%
<input type="radio"/> OCP:Over current protection (<150%) with recovery function |
| ● Rise time | <input type="radio"/> The output voltage should rise from 10%~90% volts settle within regulation in less than 20 msec |
| ● LED indicator | <input type="radio"/> Normal operation:Green light LED indication
Protection mode:Blink or off |
| ● Turn-on delay time | <input type="radio"/> Shall be less than 3 sec |
| ● Life | <input type="radio"/> 12,000 hours(8 hours*300 days*5 years) at DC full-loading,AC110Vac/240Vac voltage and ambient temperature 25° C |
| ● MTBF | <input type="radio"/> 50,000 power on hours at 25°C |
| ● Burn-In | <input type="radio"/> 100% Burn-In with 80~100% loading & 35~40°C environment temperature |

Environment

Operating temperature : 0° to 40°C

Storage temperature : -20°C to +70°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

- Design Meet CE (EN60950-1)

