36Watts 24V Output External Adapter

DDA-003

Feature:

- UL safety meet.
- EMI/RFI meet VDE & FCC limit B.
- 2 Year Warranty.

Specifications: typical at nominal line, full load at 25°C.

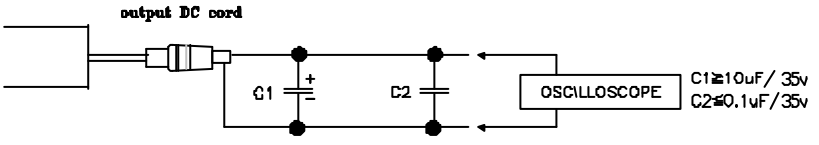
Input Specifications:	General Specifications:
Input voltage: 36V to 72 Vdc	**Efficiency:** 80% typical at full load
Input current: 0.94A at 48 Vdc	**EMI/RFI:** VDE & FCC Class B limits
Output Specifications: (at -48Vdc Input)	**Dielectric Withstand:** Input/output: 1500Vdc
Output Rating: +24V/1.5A	
Line Regulation: ± 1%	✶**Safety Meet:** UL UL1950
Load Regulation: ± 3% (Full to Half Load)	
Temperature Coefficient: ± 0.05% / °C	**Switching frequency:** 40kHz typical
Ripple & Noise: 100mVP-P max ✶✶See the picture	Weight: **250g**
	Environmental Specifications:
Protections: a. Over voltage protection. a. Over power protection. b. Short circuit protection. c. Input Reverse protection.	**Operating temperature:** 0 to +40°C
	Storage temperature: -20 to +85°C
	Humidity: 5 to 95 % RH non-condensing
	Vibration: 2.4G , 5 to 500Hz
	Cooling: Free air convection

Note:

1. Vibration test: Three orthogonal axes, random vibration, 10 minutes for each axis.
2. Maximum output power is 36W.
3. At least 20% of load is required to obtain stable regulation.
4. Ripple & noise test method is measured at output terminal across a 0.1uF ceramic cap & a 10uF tantalum cap in parallel with a 20MHz bandwidth oscilloscope directly.

✶ Please refer the safety approval status on appendix 1, For latest safety approval status Please consult YCL or visit" www.ycl.com.tw

✶✶ Ripple & Noise Test Condition:



36Watts Single Output External Adapter

DDA-003

Model Selection Table:

Document		Model No.	Output Voltage	Output Current Minimum	Output Current Maximum	Max. Power
yes	no					
	□	DDA-003	24V	0mA	1.5A	36W

Note:

1. Other output voltage versions available. Consult factory for details.

Dimensions: mm ± 1.0mm

