15Watts 5.0V Output External Adapter

DDA-001

Feature:

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

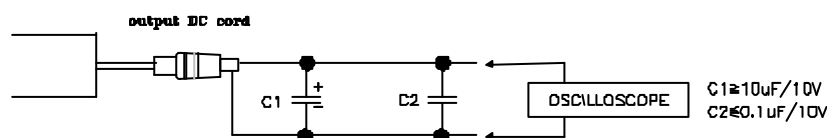## Specifications: typical at nominal line, full load at 25°C.

Input Specifications:	General Specifications:
Input voltage: -36V to -72 Vdc	**Efficiency:** 70% typical at full load
Input current: 0.45A at -48 Vdc	**EMI/RFI:** VDE & FCC Class B limits
Output Specifications: (at -48Vdc Input)	**Dielectric Withstand:**
Output Rating: +5V/3A	Input/output: 1500Vdc
Line Regulation: ± 1%	✶**Safety Meet:**
Load Regulation: ± 4% (Full to Half Load)	UL UL1950
Temperature Coefficient: ± 0.05% / °C	**Switching frequency:** 50kHz typical
Ripple & Noise: 50m VP-P max	**Weight:** 250g
✶✶See the picture	**Environmental Specifications:**
Protections:	**Operating temperature:** 0 to +40°C
a. Over voltage protection. b. Over power protection. c. Short circuit protection. d. Input reverse protection.	**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 15W.
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:

15Watts Single Output External Adapter YCL

DDA-001

Model Selection Table:

Document		Model No.	Output Voltage	Output Current Minimum	Output Current Maximum	Max. Power
yes	no					
	S	DDA-001	5V	0mA	3000mA	15W

Note:

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

Dimensions: mm ± 1.0mm

OV   +Vin(WHITE)

−48V −Vin(Black)

ISO 9001