30Watts Single Output External Adapter YCL

ADE-300X series

Feature:

- 90 to 264Vac universal input range.
- UL/CUL,TUV,CE,CB safety meet.
- EMI/RFI meet VDE & FCC limit B.
- Low cost & compact size.
- 30 watts in 120.5×61×35.5 mm size.
- 2 Year Warranty.

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

Input Specifications:	General Specifications:
Input voltage: 90 to 264Vac	**Efficiency:** 70% typical at full load
Input Frequency: 47 Hz to 63Hz	**Hold-up time:** 10ms @ 115Vac full load
Input inrush current: 20A at 115Vac 40A at 230Vac	**EMI/RFI:** VDE & FCC Class B limits
Earth leakage: 0.2mA max @ 115Vac 0.4mA max @ 230Vac	**Dielectric Withstand:** Input/output: 3000Vac Input/Ground: 1500Vac
Output Specifications:	★**Safety Meet:** UL/CUL UL60950 TUV EN60950 CE N55022&EN50082-1 CB IEC950
Output Rating: See selection table	
Output Voltage Accuracy : ± 5% max.	
Line Regulation: ± 1% max.	**Switching frequency:** 50kHz(reference)
Load Regulation: ± 5% max. (Full to half load)	**Weight:** 300g
Transient Response: ±1% max.dev. (Full to half load) 500uS recovery	**MTBF:** 100,000hours(MIL-HDBK-217F)
	Environmental Specifications:
Temperature Coefficient: ± 0.04% / °C	**Operating temperature:** 0 to +40°C
Ripple & Noise: 1% P-P max.	**Storage temperature:** -20 to +85°C
Protections: a. Over voltage protection b. Over power protection c. Short circuit protection	**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 30W.
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 or electrolytic 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
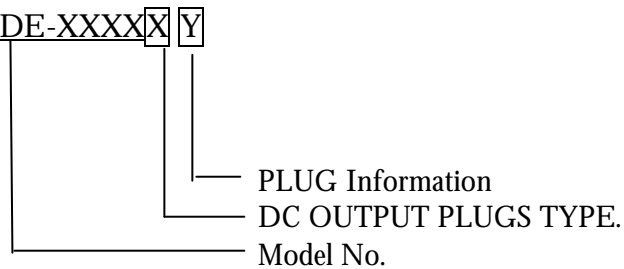
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Model Selection Table:

Model No.	Output Voltage	Output Current Minimum	Output Current Maximum	Max. Power
ADE-3001	5V	0mA	6000mA	30W
ADE-3002	12V	0mA	2500mA	30W
ADE-3003	15V	0mA	2000mA	30W
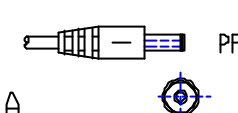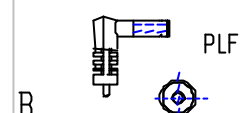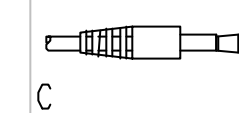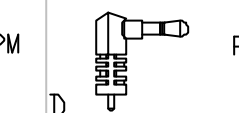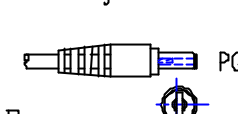
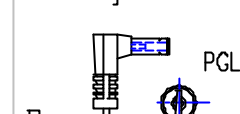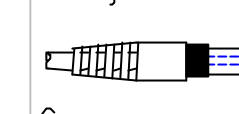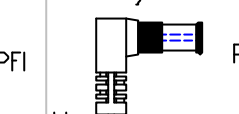**Note:**

¨ Order information: ADE-XXXXX Y

PLUG Information
DC OUTPUT PLUGS TYPE.
Model No.

- Others output voltage or output cord versions are available. Please consult factory for details.

DC OUTPUT PLUGS

PF : Plug S-Female	PLF: Plug L-Female	PM : Plug S-Male	PLM: Plug L-Male
A	B	C	D
PGS: Plug EIAJ RC-5320	PGL: Plug L-EIAJ RC-5320	PFI: Plug S-Female I shape	PLFI: Plug L-Female I shape
E	F	G	H

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Dimensions: mm ± 1.0mm

註: 一般公差 ±0.2

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