

30Watts Single Output External Adapter

ADE-300X series

Feature:

- 90 to 264Vac universal input range.
- Designed to meet universal safety standards.
- EMI/RFI meet VDE & FCC limit B.
- Low cost & compact size.

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 440Hz	Hold-up time: 15ms @ 110Vac full load
Input inrush current: 10A at 115Vac 20A at 230Vac	EMI/RFI: VDE & FCC Class B limits
Earth leakage: 0.2mA max @ 110VAC 0.4mA max @ 230VAC	Dielectric Withstand: Input/output: 4500VDC Input/Ground: 2500VDC
Output Specifications:	Safety Approval: UL UL1950 CSA 22.2-234/950 TUV EN60950
Output Rating: See selection table	
Line Regulation: ±1% max	
Load Regulation: ±4% max.	Switching frequency: 20kHz
Transient Response: ±1% max.dev. (Full to half load) 500uSec recovery	Weight: 300g
	MTBF: 100,000hours(MIL-HDBK-217F)
Temperature Coefficient: ±0.04% / °C	Environmental Specifications:
Ripple & Noise: 1% P-P max	Operating temperature: 0 to +40°C
Protections: a. Over current protection b. Over voltage protection c. Over power protection d. Short circuit 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 30W.

30Watts Single Output External Adapter

ADE-300X series

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
ADE-3004	24V	0mA	1250mA	30W

Note:

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

Dimensions: mm ± 0.2 mm

