



Model No.:AD9011(50W)

INPUT CHARACTERISTICS

Input Voltage Range 90-264Vac
Input Frequency Range 47-63Hz
Input Current 1.3A at 115Vac, full load.
Inrush Current Cold Start, < 120A at 230Vac, full load, at 25°C.
No Load Operation Internal power loss < 0.3W at 230Vac, 50Hz.
Efficiency Average efficiency (25%, 50%, 75%, 100% load) ≥ 87% at 115&230Vac.

OUTPUT CHARACTERISTICS

Output Voltage	Load Range		Regulation (V)
	MIN.	MAX	
12.0V	0A	4.16A	11.4V ~ 12.6V

Ripple / Noise ≤ 120 mVp-p (with spike noise)
Hold-up Time 10mS min @ 100Vac 60Hz, full load.
Turn-on Delay < 3 sec @ 120Vac/60Hz.
Rise time Less than 50msec.

General SPEC.

OVP 13~18Vdc, Latch off.
SCP Short circuit protection with auto-recovery function.
OCP Over current protection is between 5A and 7A, with auto-recovery function.
Leakage Current < 0.25mA at 264Vac 50Hz.
RFI/EMI CISPR 13, EN55013, CISPR 22 class B
MTBF (Calculation) 100khrs at 45°C MIL-STD-217
Dimension 109x60x30mm

ENVIRONMENTAL SPEC.

Operating Temperature 0~40°C
Storage Temperature -45~80°C