



Model No.:AD8038(24W)

INPUT CHARACTERISTICS

Input Voltage Range 90-264Vac
Input Frequency Range 47-63Hz
Input Current 0.6A 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) ≥ 84% at 115&230Vac.

OUTPUT CHARACTERISTICS

Output Voltage	Load Range		Regulation (V)
	MIN.	MAX	
12.0V	0A	2A	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 max @ 120Vac .
Rise Time Less than 50msec.

General SPEC.

OVP 18V max., Automatic shutdown. (Latch model)
SCP Short circuit protection with auto-recovery function.
OCP Over current protection < 4A, with auto-recovery function.
Leakage Current < 0.25mA at 254Vac 50Hz.
RFI/EMI CISPR 13, EN55013 , CISPR 22 class B
MTBF (Calculation) 100Khrs at 45°C MIL-STD-217F.
Dimension 95x50x31.2mm

ENVIRONMENTAL SPEC.

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