



Model No.:AD9013 (75W)

INPUT CHARACTERISTICS

Input Voltage Range 90-264Vac
 Input Frequency Range 47-63Hz
 Input Current < 1.5 Arms at 90Vac and maximum load.
 Inrush Current Cold Start, < 75 Aat 110 Vac, and < 150 A at 220 Vac with maximum load.
 No Load Operation (measure at 115Vac/60Hz and 230Vac/50Hz)

No Load/Light Load	
Output Load	Maximum Input Power
0W	0.5W
0.5W	1.0W
1.0W	1.7W
1.5W	2.4W

Efficiency

The Adaptor shall be designed to meet EPS Requirement.

Average Efficiency (25%, 50%, 75%, 100% load condition) > 87% at both 115VAC/230VAC (Warm up after 0.5 hour).

OUTPUT CHARACTERISTICS

Output Voltage	Load Range		Regulation (V)
	MIN.	MAX	
19.0V	0A	3.95A	18.05V ~ 20.0V

Ripple Noise ≤ 350 mVp-p (with spike noise)
 Hold-up Time 10mS min with max load at 115Vac.
 Turn-on Delay < 3 sec. for all line and load conditions.
 (Measured from AC on point to the 90% point of the output voltage)

General SPEC.

OVP 27V MAX. Automatic shutdown. (Latch model)
 SCP Output can be shorted without damage, and auto recovery.
 OTP No Damage and shutdown. (Latch model)
 OCP Output current limits in 5.5A max., and meets LPS requirement.
 Leakage Current Ground leakage current shall be less than 100uA.
 RFI/EMI FCC class B, CISPR 22 class B
 MTBF (Calculation) 100Khrs min at 25 °C at 115Vac/230Vac by MIL-HDBK-217E or other method.
 Dimension 128x51x30mm

ENVIRONMENTAL SPEC.

Operating Temperature 0~40°C
 Storage Temperature -31~60°C