



**Model No.:AD7044 (90W)**

**INPUT CHARACTERISTICS**

Input Voltage Range 90-264Vac  
Input Frequency Range 47-63Hz  
Input Current 1.4A at 100Vac; 0.7A at 240Vac.  
Inrush Current Cold Start, < 150 A at 110 Vac/220 Vac.  
No Load Operation Internal power loss < 0.5W at 240Vac.  
Efficiency 85% min. at 100~240Vac, full load.

**OUTPUT CHARACTERISTICS**

Output Voltage	Load Range		Regulation (V)
	MIN.	MAX	
19.0V	0A	4.74A	18.5V ~ 20.0V

Ripple Noise  $\leq 300$  mVp-p (with spike noise)  
Hold-up Time 10mS min @ 115Vac & 230Vac, full load.  
Turn-on Delay 3 sec max @ 115Vac & 230Vac, full load.

**General SPEC.**

OVP 26 $\pm$ 3V Automatic shutdown. (Latch model)  
SCP Output can be shorted without damage, and latch off.  
OTP No Damage and shutdown.  
OCP Output current limits in 7.5A (Typical)  
Leakage Current 100uA max at 254Vac 50Hz resistor load.  
RFI/EMI FCC class B, CISPR 22 class B  
Dimension 133x58x30mm

**ENVIRONMENTAL SPEC.**

Operating Temperature 0~40 $^{\circ}$ C  
Storage Temperature -20~65 $^{\circ}$ C