



Model No.:OT9002 (130W)

INPUT CHARACTERISTICS

Input Voltage Range 90-264Vac
 Input Frequency Range 47-63Hz
 Input Current < 2 Arms at 90Vac and maximum load.
 Inrush Current No damage. Meet fuse and bridge diode I²t de-rating.
 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

Efficiency

115/230Vac		
POWER(LOAD)	Output Current(A)	EFFICIENCY(%)
20%	1.37A	>82%
50%	3.43A	>85%
100%	6.85A	>82%

OUTPUT CHARACTERISTICS

Output Voltage	Load Range			Regulation (V)
	MIN.	MAX	Peak Load	
19.0V	0A	6.85A	7.5A	18.05V ~ 19.95V

Ripple Noise \leq 380 mVp-p (with spike noise)
 Hold-up Time 20.0mS min with max load at 115Vac.
 Turn-on Delay < 1sec at 90Vac.
 Rise Time < 20ms at normal input & full load

General SPEC.

OVP 26V max automatic shutdown and latch model within 250 milliseconds duration.
 SCP Output can be shorted without damage, and latch off.
 OTP No deformation and discoloration on case and will be latch mode.
 OCP Output current limits 10.5 A max., and will be latched.
 Leakage Current 3.5mA max at 250Vac/60Hz.
 RFI/EMI CISPR 22 class B
 MTBF 10Khrs min at 115Vac or 230Vac and at 80% Full Load, at max operation temp.
 Dimension 125x74x30mm

ENVIRONMENTAL SPEC.

Operating Temperature 0~55°C
 Storage Temperature -40~70°C