



Model No.:ST8015 (42W)

INPUT CHARACTERISTICS

Input Voltage Range 85-135Vac
Input Frequency Range 57-63Hz
Inrush Current <2.6A@120Vac input, full load.
Efficiency 80% min. @ 30 Watts &120Vac input. (+12V/0.83A ; +5V/4A)

OUTPUT CHARACTERISTICS

Output Voltage	Load Range			Regulation (V)	Ripple & Noise Max
	MIN.	Max	PEAK		
5.1V	1A	5.6A	5.6A	4.95V ~ 5.25V	50mVp-p
12V	0.2	1.16	2.3A	11.0V ~ 13.2V	200mVp-p

Hold-up Time >34mS@ 120Vac, full Load.
Rise Time <50mS
Turn-on Delay Time 1.5sec max. @ 85Vac & Full load

General SPEC.

OVP 5.1V: 5.63~6.88V 12V: 13.5~15V Max at min load, no damage.
SCP **Output can be shorted without damage, with auto-restart.**
Leakage Current 3.5mA Max@132V/60Hz,Full load
RFI/EMI EN55020:2002+A2, EN60950 and VDE0805
MTBF (Calculation) 100Khrs @25 deg C,Max Load and 120VAC/60Hz Input.
Dimension 201.5x101.6mm

ENVIRONMENTAL SPEC.

Operating Temperature 0~60°C
Storage Temperature -40~85°C