



Model No.:ST7002 (79W)

INPUT CHARACTERISTICS

Input Voltage Range 85-135Vac
 Input Frequency Range 57-63Hz
 Input Current <2.6A@120Vac input, full load.
 Inrush Current 35A @ 120Vac (cold start at 25 degree C)
 Efficiency 70% min @ 120Vac, Max load

OUTPUT CHARACTERISTICS

Output Voltage	Load Range			Regulation
	MIN.	Max (Average)	PEAK	
5V	1A	9.1A	9.1A	4.85V~5.25V
12V	0.2A	1.2A	2.3A	11.0V~13.2V
3.3V	0.6A	5.7A	5.7A	3.2~3.4V

Ripple and Noise

Output Voltage	Ripple	R&N
5V	50mV	-
12V	200mV	-
3.3V	50mV	-

Hold-up Time 34ms at 79Watts minimum at 120Vac, 60Hz
 Rise Time <50mS
 Turn-on Delay Time 1.5s maximum for all outputs to be within regulation.

General SPEC.

OVP

Output Voltage	Over Voltage Range
5V	5.63~6.88V
12V	13.5~15V
3.3V	3.71~4.54V

SCP **Output should be enter an auto Hiccup mode and no any damage.**
 Leakage Current 0.25mA Max. Measured from line and neutral AC input pins to chassis ground.
 RFI/EMI EN55022, FCC part 15, level B
 MTBF (Calculation) 100Khrs at 25 degreeC at 100Vac/60Hz by MIL-HDBK-217E or other method.
 Dimension 233.5 x101.6mm

ENVIRONMENTAL SPEC.

Operating Temperature 0~55°C
 Storage Temperature -40~85°C