



### Model No.:ST8006 (12.5W)

#### INPUT CHARACTERISTICS

Input Voltage Range 90-132Vac  
 Input Frequency Range 47-63Hz  
 Input Current < 1 A  
 Inrush Current Cold Start, < 25 A at 110 Vac, 25°C .  
 Efficiency > 70% over operating AC input range.

#### OUTPUT CHARACTERISTICS

Output Voltage	Load Range			Votage		Ripple & Noise
	MIN.	Max	Peak	MIN	Typical	
12V	0.024A	0.030A	0.040A	10.8V	12V	
6.8V	1.040A	1.300A	1.560A	6.4V	6.8V	120mVp-p
3.3V	0.800A	1.000A	1.200A	3.1V	3.3V	50mVp-p

Hold-up Time >20mS@ 90Vac input, Max, Load  
 Rise Time <50mS from 10% to 90% output rated voltage @120Vac Max. Load  
 PG on delay time >50mS

#### General SPEC.

##### OVP

Output	OVP Range	
	Min	Max
12V	-	16V
6.8V	-	10V
3.3V	-	6V

SCP The power supply should be shut down and auto-recovery at any DC output to grounding short. A short circuit condition on DC output Shall cause no damage system.

##### OCP&OPP

Output	OCP&OPP Range	
	Min	Max
12V	-	-
6.8V	-	3.0A
3.3V	-	-

No LOAD No damage.  
 RFI/EMI FCC class B, EN55022 class B  
 MTBF > 150Khrs @ 110Vac/60Hz Max load.  
 Dimension 130x50mm

#### ENVIRONMENTAL SPEC.

Operating Temperature 15~40°C  
 Storage Temperature -5~50°C