



**Model No.:ST8009 (17.7W)**

**INPUT CHARACTERISTICS**

Input Voltage Range 90-270Vac  
Input Frequency Range 47-63Hz  
Efficiency > 70% AT 110Vac/60Hz or 220Vac/50Hz.

**OUTPUT CHARACTERISTICS**

Output	Load Range			Votage		Ripple & Noise
	MIN.	Max	PEAK	MIN	Max	
12V	0.09A	1.0A	1.1A	10.8V	13.2V	120mVp-p
6.8V	0.03A	0.35A	0.45A	6.4V	7.2V	100mVp-p

Hold-up Time >20mS@ 2000Vac/50Hz, Max, Load

**General SPEC.**

**OVP**

Output	OVP Range	
	Min	Max
12V	-	15V
6.8V	-	10V
3.3V	-	3.8V

SCP No broken ,no smoke  
**OPP** Over current protection</=160% total power(peak load)  
No LOAD No damage.  
RFI/EMI FCC class B, CISPR 22 class B  
MTBF (Calculation) 100Khrs at 25°C.  
Dimension 130x40mm

**ENVIRONMENTAL SPEC.**

Operating Temperature 0~50°C  
Storage Temperature -40~70°C