



Model No.:ST8007 (30.33W)

INPUT CHARACTERISTICS

Input Voltage Range 90-264Vac
 Input Frequency Range 47-63Hz
 Inrush Current <50A@240Vac input, cold start,Amb: 25degree
 Efficiency >70% over operating AC input range.

OUTPUT CHARACTERISTICS

| Output Voltage | Load Range | | | Votage | | | Ripple & Noise |
|----------------|------------|--------|--------|--------|---------|-------|----------------|
| | MIN. | Max | PEAK | MIN | Typical | Max | |
| 12V | 0.005A | 1.000A | 2.200A | 10.8V | 12V | 13.2V | 120mVp-p |
| 6.5V | 0.03A | 1.500A | 2.000A | 6.1V | 6.5V | 6.6V | 50mVp-p |
| 3.3V | 0.150A | 2.600A | 2.700A | 3.1V | 3.3V | 3.6V | 50mVp-p |

Hold-up Time >20mS@ 120Vac, Max, Load
 Rise Time <50mS

General SPEC.

OVP

| Output | OVP Range | |
|--------|-----------|-----|
| | Min | Max |
| 12V | - | 15V |
| 6.5V | - | 10V |
| 3.3V | - | 5V |

SCP Shut down & auto-recovery at any DC Short. No damage.
OCP 110V60Hz; 230V/50Hz input; Output:Max.Load, 6.5Vrail OCP<3.93A
 No LOAD No damage.
 RFI/EMI FCC class B, EN55022 class B
 MTBF (Calculation) 100Khrs at 240Vac/50Hz, max load at 25°C.
 Dimension 160x50mm

ENVIRONMENTAL SPEC.

Operating Temperature 0~50°C
 Storage Temperature -20~60°C