



Model No.:ST8013 (40W)

INPUT CHARACTERISTICS

Input Voltage Range 90-270Vac
 Input Frequency Range 47-63Hz
 Inrush Current <40A@230Vac input, cold start.
 Efficiency >70% at 90Vac and max load.

OUTPUT CHARACTERISTICS

| Output Voltage | Load Range | | | Votage | | | Ripple & Noise |
|----------------|------------|------|------|--------|---------|-------|----------------|
| | MIN. | Max | PEAK | MIN | Typical | Max | |
| 12V | 0.8A | 3.3A | - | 10.4V | 12V | 12.6V | 120mVp-p |

Hold-up Time >20mS@ 100Vac, Max, Load
 Rise Time <50mS

General SPEC.

OVP

| Output | OVP Range | |
|--------|-----------|-----|
| | Min | Max |
| 12V | 12.6V | 16V |

SCP **Shut down & auto-recovery at any DC Short, max load, normal voltage input. No damage.**
 No LOAD No damage.
 Leakage Current 0.3mA max@270Vac input.
 RFI/EMI FCC class B, EN55022 class B
 MTBF (Calculation) 200Khrs at 240Vac/50Hz, max load at 30°C.
 Dimension 145x45mm

ENVIRONMENTAL SPEC.

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