



## Specification

|                                  |  |
|----------------------------------|--|
| • Product Code:                  | 100.570  |
| • Rated Voltage                  | 12VDC  |
| • Output Current Range           | 0 ~ 8.33A  |
| • Rated Power (Max)              | 100W   |
| • Ripple and Noise (Max)         | 120mVp-p   |
| • Voltage Tolerance              | ±3.0%  |
| • Line Regulation                | ±1%  |
| • Load Regulation                | ±1.0%  |
| • Set-up, Rise Time              | 1500ms 80ms/230VAC, 2000ms 80ms/110VAC                                     |
| • Hold-up Time                   | 50ms/230VAC at full load, 25ms/110VAC at full load                         |
| • Voltage Range                  | 90~130VAC / 170~264VAC / 90~264VAC   |
| • Frequency Range                | 47~63Hz  |
| • Efficiency                     | 86.0%  |
| • AC Current                     | 1.23A ~ 0.45A  |
| • Inrush Current                 | Cold Start at 70A/230VAC, Input at Ta: 25°C cold start.                    |
| • Leakage Current                | <0.5mA at 230VAC, 60Hz Input   |
| • Over-Voltage                   | 110% ~ 130% (Shut down O/P voltage, re-power on to recover)                |
| • Over-load                      | 130% ~ 150% (Shut down O/P voltage, re-power on to recover)                |
| • Short Circuit                  | Hiccup mode, recovers automatically after faulty problem is removed        |
| • Lightning Protection           | Gas discharge tube automatically open to discharge, re-power on to recover |
| • Over-temperature               | 85°C±10°C (Shut down O/P voltage, re-power on to recover)                  |
| • Working Environment            | -25°C~+50°C  |
| • Working Humidity               | 20~90% RH non-condensing   |
| • Storage Environment & Humidity | -40°C~+70°C  |
| • TEMP. Coefficient              | ±0.05%/°C (0~50°C)   |
| • Vibration                      | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. Each along X, Y, Z axes    |
| • Safety Standards               | EN-61347-1, EN61347-2-13, IP67, ROHS Tests, Design refer to UL8750         |
| • Withstand Voltage              | I/P-O/P: 3KVAC, IP-FG:1.5KVAC, OP-FG: 500VAC                               |
| • Isolation Resistance           | I/P-O/P IP-FG OP-FG: 100M Ohms/500VDC / 25°C / 70% RH                      |
| • EMC Emission                   | Compliance to EN55015, EN61547, EN61000-3-2, EN61000-3-3,                  |
| • Life Span                      | ≥50000Hrs (25°C)   |
| • No Load power consumption      | ≤2.5W  |
| • MTBF                           | 250K hrs min, MIL-HDBK-217F (25°C )  |
| • Dimension                      | 190*68.5*40 mm (L*W*H)   |
| • Weight                         | 0.85Kg   |



## Dimensions (Unit: mm)

