## 75W ENCLOSED POWER SUPPLY



#### Features:

- No Load Power Consumption < 0.5W</li>
- Small Compact Design
- Cooling by free air convection
- High efficiency, long life and high reliability
- 3 Year Warranty
- Universal Input
- Withstand 5G Vibration Test
- UL & CE Approved

**Electronics** 

#### **Description:**

The 75W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 6 models with outputs of either 5v, 12v,15v,24v,36v or 48v. Each model is RoHS, CE, UL approved and come with a three year warranty.

PART NUMBER DC VOLTAGE 15 RATED CURRENT 5A CURRENT RANGE 75W RIPPLE & NOISE VOLTAGE # 110.0% VOLTAGE REGULATION RANGE VOLTAGE REGULATION RANGE VOLTAGE ACCURACY LINE ADJUSTMENT LOAD ADJUSTMENT LOAD POWER CONSUMPTION RISE 500ms, 30ms/230VAC100% Load HOLD UP TIME 60ms/ 100% Rated Load VOLTAGE RANGE 1100~240VAC FREQUENCY 1NPUT CURRENT MAX 2.8/115 Vac 1.6A/230VAC EFFICIENCY ALTERNATING CURRENT INRUSH CURRENT LOAD ADJUSTMENT 1.4A/115VAC0.85A/230VAC INRUSH CURRENT LOAD ADJUSTMENT SOA/230VAC VOLTAGE RANGE 1100~240VAC 47~63Hz INPUT CURRENT SOA/230VAC LEAKAGE CURRENT 1.4A/115VAC0.85A/230VAC LEAKAGE CURRENT 1.4A/115VAC0.85A/230VAC VOLOAD 110~150% of rated output, auto-recovery SHORT CIRCUIT WORKING TEMP -30°C ~+50°C (See derating curve) WORKING HUMIDITY 10~95%RH (Non condensing) STORAGE HUMIDITY 10~95%RH (Non condensing)	
RATED CURRENT       5A         CURRENT RANGE       0°5A         RATED POWER       75W         RIPPLE & NOISE       150mVp-p         VOLTAGE REGULATION RANGE       ±10.0%         VOLTAGE ACCURACY       ≤1%         LINE ADJUSTMENT       ≤1%         LOAD ADJUSTMENT RATE       ≤1%         NO LOAD POWER CONSUMPTION       <0.3W         RISE       500ms, 30ms/230VAC100% Load         HOLD UP TIME       60ms/ 100% Rated Load         VOLTAGE RANGE       100~240VAC         FREQUENCY       47~63Hz         INPUT CURRENT       MAX 2.8/115 Vac 1.6A/230VAC         EFFICIENCY       88%         ALTERNATING CURRENT       1.4A/115VAC0.85A/230Vac         INRUSH CURRENT       50A/230VAC         LEAKAGE CURRENT       <3.5mA/240VAC         OVRLOAD       110~150% of rated output, auto-recovery         SHORT CIRCUIT       Hiccup Mode, auto-recovery         WORKING TEMP       -30°C ~+50°C (See derating curve)         WORKING HUMIDITY       10~95%RH (Non condensing)         STORAGE HUMIDITY       10~95%RH (Non condensing)	
CURRENT RANGE RATED POWER RIPPLE & NOISE 150mVp-p VOLTAGE REGULATION RANGE VOLTAGE REGULATION RANGE  VOLTAGE ACCURACY 11N LINE ADJUSTMENT 51N LOAD ADJUSTMENT RATE NO LOAD POWER CONSUMPTION RISE 500ms, 30ms/230VAC100% Load HOLD UP TIME 60ms/ 100% Rated Load VOLTAGE RANGE FREQUENCY 47~63Hz INPUT CURRENT MAX 2.8/115 Vac 1.6A/230VAC EFFICIENCY ALTERNATING CURRENT 1.4A/115VAC0.85A/230VAC INRUSH CURRENT 50A/230VAC LEAKAGE CURRENT 3.5M/240VAC VORLOAD 110~150% of rated output, auto-recovery WORKING TEMP -30°C ~ +50°C (See derating curve) WORKING TEMP -30°C ~ +50°C (See derating curve) STORAGE HUMIDITY 10~95%RH (Non condensing)	
RATED POWER RIPPLE & NOISE  150mVp-p  VOLTAGE REGULATION RANGE  110.0%  VOLTAGE ACCURACY  LINE ADJUSTMENT  LOAD ADJUSTMENT ATE  NO LOAD POWER CONSUMPTION  RISE  500ms, 30ms/230VAC100% Load  HOLD UP TIME  60ms/ 100% Rated Load  VOLTAGE RANGE  100°240VAC  FREQUENCY  47°63Hz  INPUT CURRENT  MAX 2.8/115 Vac 1.6A/230VAC  EFFICIENCY  88%  ALTERNATING CURRENT  1.4A/115VAC0.85A/230VAC  LEAKAGE CURRENT  50A/230VAC  LEAKAGE CURRENT  OVRLOAD  110 ~ 150% of rated output, auto-recovery  WORKING TEMP  -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY  10 ~ 95%RH (Non condensing)  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
RIPPLE & NOISE  VOLTAGE REGULATION RANGE  VOLTAGE ACCURACY  LINE ADJUSTMENT  LOAD ADJUSTMENT RATE  NO LOAD POWER CONSUMPTION  RISE  500ms, 30ms/230VAC100% Load  HOLD UP TIME  60ms/ 100% Rated Load  VOLTAGE RANGE  100~240VAC  FREQUENCY  47~63Hz  INPUT CURRENT  MAX 2.8/115 Vac 1.6A/230VAC  EFFICIENCY  88%  ALTERNATING CURRENT  LEAKAGE CURRENT  LEAKAGE CURRENT  LEAKAGE CURRENT  OVRLOAD  110~150% of rated output, auto-recovery  WORKING TEMP  -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY  10~95%RH (Non condensing)  STORAGE HUMIDITY  10~95%RH (Non condensing)	
VOLTAGE REGULATION RANGE       ±10.0%         VOLTAGE ACCURACY       ≤1%         LINE ADJUSTMENT       ≤1%         LOAD ADJUSTMENT RATE       ≤1%         NO LOAD POWER CONSUMPTION       <0.3W	
VOLTAGE ACCURACY       ≤1%         LINE ADJUSTMENT       ≤1%         LOAD ADJUSTMENT RATE       ≤1%         NO LOAD POWER CONSUMPTION       <0.3W	
LINE ADJUSTMENT       ≤1%         LOAD ADJUSTMENT RATE       ≤1%         NO LOAD POWER CONSUMPTION       <0.3W	
LOAD ADJUSTMENT RATE  NO LOAD POWER CONSUMPTION  RISE  500ms, 30ms/230VAC100% Load  HOLD UP TIME  60ms/ 100% Rated Load  VOLTAGE RANGE  FREQUENCY  47~63Hz  INPUT CURRENT  MAX 2.8/115 Vac 1.6A/230VAC  EFFICIENCY  88%  ALTERNATING CURRENT  1.4A/115VAC0.85A/230VAC  INRUSH CURRENT  50A/230VAC  LEAKAGE CURRENT  50A/230VAC  UVALOAD  110~150% of rated output, auto-recovery  SHORT CIRCUIT  Hiccup Mode, auto-recovery  WORKING TEMP  -30°C~+50°C (See derating curve)  WORKING HUMIDITY  10~95%RH (Non condensing)  STORAGE TEMP  -40°C~+85°C  STORAGE HUMIDITY  10~95%RH (Non condensing)	
NO LOAD POWER CONSUMPTION  RISE  500ms, 30ms/230VAC100% Load  HOLD UP TIME  60ms/ 100% Rated Load  VOLTAGE RANGE  100~240VAC  FREQUENCY  47~63Hz  INPUT CURRENT  MAX 2.8/115 Vac 1.6A/230VAC  EFFICIENCY  88%  ALTERNATING CURRENT  1.4A/115VAC0.85A/230VAC  INRUSH CURRENT  50A/230VAC  LEAKAGE CURRENT  50A/230VAC  LEAKAGE CURRENT  7.3.5mA/240VAC  OVRLOAD  110 ~ 150% of rated output, auto-recovery  WORKING TEMP  -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY  10 ~ 95%RH (Non condensing)  STORAGE TEMP  -40°C ~ +85°C  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
RISE 500ms, 30ms/230VAC100% Load HOLD UP TIME 60ms/ 100% Rated Load  VOLTAGE RANGE 100~240VAC FREQUENCY 47~63Hz INPUT CURRENT MAX 2.8/115 Vac 1.6A/230VAC  EFFICIENCY 88%  ALTERNATING CURRENT 1.4A/115VAC0.85A/230Vac INRUSH CURRENT 50A/230VAC  LEAKAGE CURRENT < <3.5mA/240VAC  OVRLOAD 110~150% of rated output, auto-recovery  SHORT CIRCUIT Hiccup Mode, auto-recovery  WORKING TEMP -30°C~+50°C (See derating curve)  WORKING HUMIDITY 10~95%RH (Non condensing)  STORAGE TEMP -40°C~+85°C  STORAGE HUMIDITY 10~95%RH (Non condensing)	
HOLD UP TIME  VOLTAGE RANGE  100~240VAC  FREQUENCY  47~63Hz  INPUT CURRENT  MAX 2.8/115 Vac 1.6A/230VAC  EFFICIENCY  88%  ALTERNATING CURRENT  1.4A/115VAC0.85A/230VAC  INRUSH CURRENT  50A/230VAC  LEAKAGE CURRENT  OVRLOAD  110~150% of rated output, auto-recovery  Hiccup Mode, auto-recovery  WORKING TEMP  430°C~+50°C (See derating curve)  WORKING HUMIDITY  TO ~95%RH (Non condensing)  STORAGE HUMIDITY  10~95%RH (Non condensing)	
VOLTAGE RANGE100~240VACFREQUENCY47~63HzINPUT CURRENTMAX 2.8/115 Vac 1.6A/230VACEFFICIENCY88%ALTERNATING CURRENT1.4A/115VAC0.85A/230VacINRUSH CURRENT50A/230VACLEAKAGE CURRENT<3.5mA/240VAC	
FREQUENCY INPUT CURRENT MAX 2.8/115 Vac 1.6A/230VAC  EFFICIENCY 88%  ALTERNATING CURRENT 1.4A/115VAC0.85A/230Vac  INRUSH CURRENT 50A/230VAC  LEAKAGE CURRENT  OVRLOAD 110 ~ 150% of rated output, auto-recovery  SHORT CIRCUIT Hiccup Mode, auto-recovery  WORKING TEMP -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY 10 ~ 95%RH (Non condensing)  STORAGE TEMP -40°C ~+85°C  STORAGE HUMIDITY 10 ~ 95%RH (Non condensing)	
INPUT CURRENT  EFFICIENCY  88%  ALTERNATING CURRENT  1.4A/115VAC0.85A/230VaC  INRUSH CURRENT  50A/230VAC  LEAKAGE CURRENT  0VRLOAD  110 ~ 150% of rated output, auto-recovery  SHORT CIRCUIT  WORKING TEMP  -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY  10 ~ 95%RH (Non condensing)  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
EFFICIENCY  88%  ALTERNATING CURRENT  1.4A/115VAC0.85A/230VaC  INRUSH CURRENT  50A/230VAC  LEAKAGE CURRENT  OVRLOAD  110 ~ 150% of rated output, auto-recovery  Hiccup Mode, auto-recovery  WORKING TEMP  -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY  10 ~ 95%RH (Non condensing)  STORAGE TEMP  -40°C ~ +85°C  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
ALTERNATING CURRENT  INRUSH CURRENT  50A/230VAC  LEAKAGE CURRENT  OVRLOAD  110 ~ 150% of rated output, auto-recovery  Hiccup Mode, auto-recovery  WORKING TEMP  WORKING HUMIDITY  TO ~ 95%RH (Non condensing)  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
INRUSH CURRENT  50A/230VAC  LEAKAGE CURRENT  <3.5mA/240VAC  OVRLOAD  110 ~ 150% of rated output, auto-recovery  SHORT CIRCUIT  Hiccup Mode, auto-recovery  WORKING TEMP  -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY  10 ~ 95%RH (Non condensing)  STORAGE TEMP  -40°C ~+85°C  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
LEAKAGE CURRENT<3.5mA/240VACOVRLOAD110 ~ 150% of rated output, auto-recoverySHORT CIRCUITHiccup Mode, auto-recoveryWORKING TEMP-30°C ~ +50°C (See derating curve)WORKING HUMIDITY10 ~ 95%RH (Non condensing)STORAGE TEMP-40°C ~+85°CSTORAGE HUMIDITY10 ~ 95%RH (Non condensing)	
OVRLOAD  110 ~ 150% of rated output, auto-recovery  Hiccup Mode, auto-recovery  WORKING TEMP  -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY  10 ~ 95%RH (Non condensing)  STORAGE TEMP  -40°C ~+85°C  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
SHORT CIRCUIT  WORKING TEMP  WORKING HUMIDITY  STORAGE TEMP  Hiccup Mode, auto-recovery  -30°C ~ +50°C (See derating curve)  10 ~ 95%RH (Non condensing)  -40°C ~ +85°C  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
WORKING TEMP  -30°C ~ +50°C (See derating curve)  WORKING HUMIDITY  10 ~ 95%RH (Non condensing)  STORAGE TEMP  -40°C ~ +85°C  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
WORKING HUMIDITY  10 ~ 95%RH (Non condensing)  STORAGE TEMP  -40°C ~+85°C  STORAGE HUMIDITY  10 ~ 95%RH (Non condensing)	
STORAGE TEMP -40°C ~+85°C STORAGE HUMIDITY 10 ~ 95%RH (Non condensing)	
STORAGE HUMIDITY 10 ~ 95%RH (Non condensing)	
TEMP COEFFICIENT ±0.03%/°C(0~50°C)	
VIBRATION RESISTANCE 10~500Hz, 2G, 10min/cycle, X, Y, Z 60min in each dir	ection
SAFETY STANDARD CE, UL60950-1,EN60950-1	
WITHSTAND VOLTAGE I/P-O/P:3.0KV AC, I/P-FG:2.0KV AC,O/P-FG:0.5KVAC	
ISOLATION RESISTANCE I/P-O/P,I/P-FG,O/P-FG:100MΩ/500VDC	
EMC EN55022 CLASSB	
LIFETIME 100,000hours(25°C)	
SIZE 99×97×30(L*W*H)	
WEIGHT 0.3Kg/pc66pcs/carton	

### **STONTRONICS**

# 75W ENCLOSED POWER SUPPLY

STONTRONICS: SRS-75-15



### **Diagrams**







