

FEATURES

- 195 to 264V ac Input range
- 3 Stage charge control
- High efficiency
- Over temperature protection
- UK & EU Mains leads

Desktop Power Supplies

RS Stock No.: 2558082



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS Pro Range of 750-watt AC/DC switch mode power supplies provide 750 watts of continuous output power in a high-quality compact enclosure, suitable for many general power applications.

General Specifications

Input Connector	IEC C14
Output Connection Type	UK & EU Mains leads
Number of Outputs	1
Energy Efficiency Level	VI
Mounting Style	Desktop
MTBF	30,000hrs at 25°C, Full load and nominal input condition
Cable Length	1000mm
Medical Approved	No

Electrical Specifications

Input Specifications	
Rated Input Voltage	195 to 264V ac – 230V AC +/-15%
Rated Frequency	50/60Hz nominal
Full Frequency Range	47/63Hz
Efficiency	80%
Input Current (RMS Max.)	7.1A
Inrush Current	150A at 230V AC input and Max load for a cold start at 25°C
Leakage Current (max.)	2.5mA @ 264V ac
Isolation	Input isolate Chassis : 500M OHM
LED Indication	LED 1: Green -> Power on LED 2: Orange ->: charging, Off -> Full charge

Output Specification	
Ripple & Noise (max.)	500mVp-p
Voltage Tolerance	±5.0%
Line Regulation	±3.0%
Load Regulation	±5.0%
Hold Up Time (Typ.)	5ms @ Full load & 100Vac/60Hz input turn off at worst case
Overload Protection	Hiccup mode, recovers automatically after fault condition is removed
Over Voltage Protection	Shut down o/p voltage, re-power on to recover
Over Temperature Protection	Shut down o/p voltage, re-power on to recover
Short Circuit Protection	Yes

Mechanical Specifications

Housing Material	Aluminium impact resistant casing.
Overall Dimensions	410.4x204x85mm
Overall Length	410.4mm
Overall Depth	85mm
Overall Width	204mm
Weight	5.0 kg

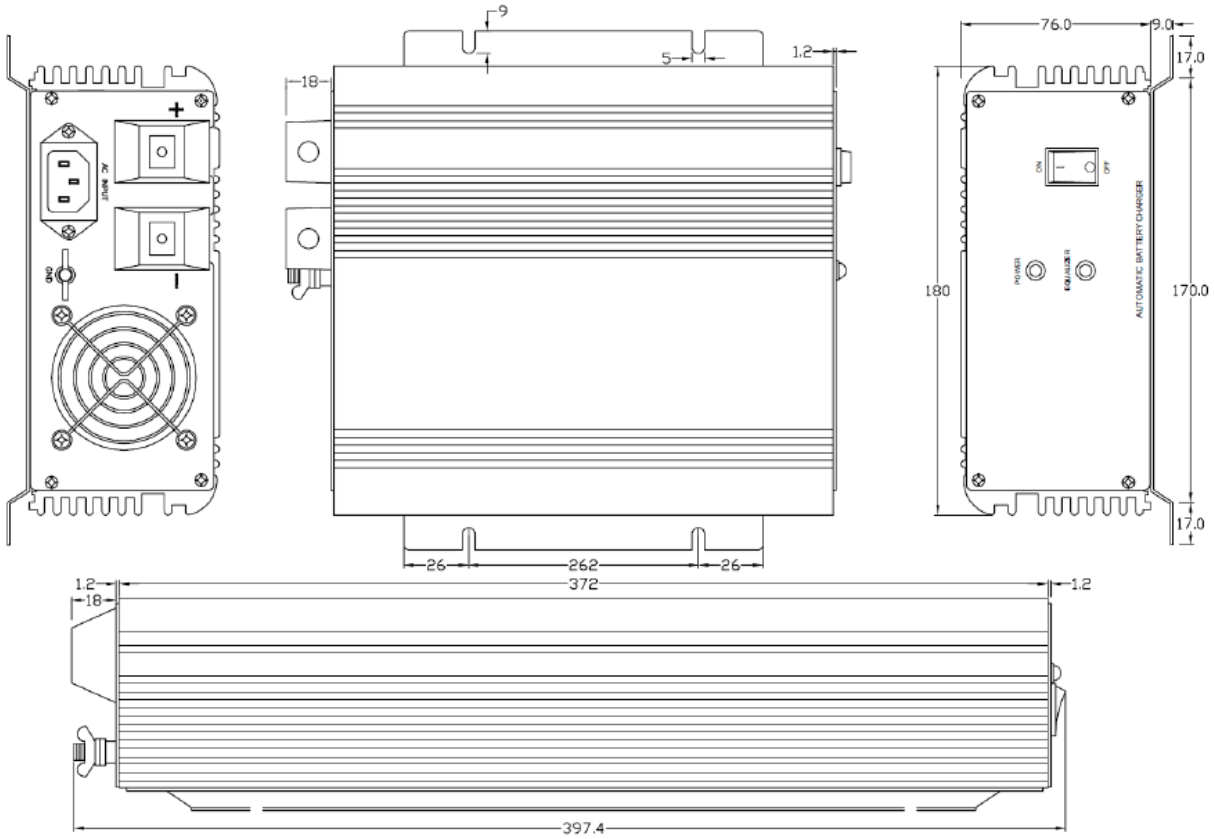
Operation Environment Specifications

Operating Temperature Range	0 to 45°C / 20% to 90% RH
Storage Temperature Range	0 to 70°C / 10% to 95% RH non-condensing
Vibration Resistance	10-300Hz, 1G, along X, Y,Z each Axis, 60 min for each Axis

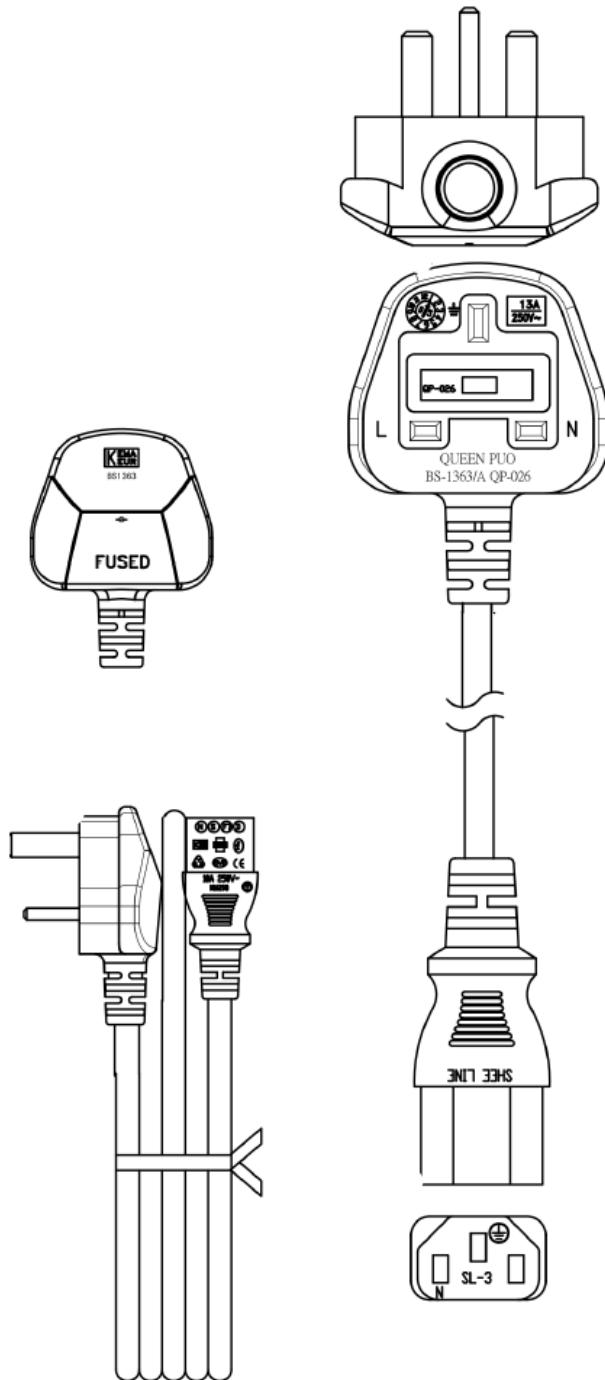
Approvals

Safety Standard	IEC/EN/UL62368-1
EMC Emission	Compliance to FCC Part15, EN55032, EN55035, EN61000-4-2/4/5

Mechanical Drawing



UK Cables



EU Cables

