

## **Technical Specification**

**Product Range:****Beta Power System****Specification of Unit:**

Any number of Power Outlets and Data/Comms/Multimedia connectors.  
(Max. recommended is 10 for power and 8 for Data/Comms/Multimedia)  
Can be supplied with 16A Single Pole switch in master or individual format.  
Overcurrent protection can be provided in the form of individual fusing (BS requirement) or Thermal Reset Switch (UL requirement).  
Unit is supplied with 0.3m Input and Output power cable or panel mount in/out connectors.

**Operating Ranges:****Voltage**

220-250 VAC

**Max. Current**

13-16A (depending on overcurrent protection provided)

**Wattage**

1800 - 3000 W (Max., depending on overcurrent protection provided)

**Material Composition of Unit:****Casing Construction**

V-0 Rated PVC Engineering Plastic

**Finish**

Black Engineering Plastic PVC V-0 Rated

**Socket Outlets**

V-0 rated Engineering Plastic (flame retardant and very high heat resistance)

**Other Plastic Components**

Engineering Plastic (high heat resistance)

**Power Cable and Internal Wiring****Power Cable Size**1.5mm<sup>2</sup> (cross sectional area of copper strands per core)**Power Rating**

16A

**Connectors**Input – Male 3PP (16A);  
Output – Female 3PP (16A)**Construction**

Cable - Insulated 3 core with PVC outer sheath:  
Earth -Yellow/Green  
Live - Brown  
Neutral - Blue  
Wire - Earth -Yellow/Green  
Live - Brown  
Neutral – Blue

**Accessibility of Live components:** Inaccessible without destroying unit**Earth Connection:**

Earth connection made through input power lead which is Internally bonded to PVC Casing and Power Sockets  
In addition, an External Earth Connection Facility is provided for Earthing to metallic desks

**Mounting Methods:**

Free-standing, Screw ports, Plastic clip-on desk clamps

**Tested and approved according to:**

BS5733:2010 / SS241:1996/ MS 1144:1998

**Test Certificate Number:**

7191051304-EEC13/YKF

**Issued by:**

TUV Sud/PSB Singapore

**Certificate Date:**

13 MAR 2013

**Broad Power Limited**

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Ebblake Industrial Estate  
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**Recyclability per unit:**

The product is made entirely of recyclable materials.  
% of Recycled Components 0 – 35%  
% of Product that can be recycled: 100% at end of lifecycle

**Notes:**

- \*1- Percentages are calculated based on the weight of the component parts as a fraction of the whole product.
- \*2 - Every item in the product is capable of being recycled, however in real terms, the actual components that are recycled depends on the cost of the recycling process for that product which in some instances is prohibitive.
- \*3 – Material functionality may be impaired when the recycled composition is higher than 35%.

**Warrant:** All Broad Power products carry a warranty of 12 months from receipt of order which covers any product faults or failure arising from poor materials and/or workmanship. In terms of this warranty, the product may be replaced or repaired at the sole discretion of the manufacturer provided the warranty conditions are met. The warranty expressly excludes misuse, abuse, fair wear and tear and incidental costs (including but not limited to: downtime, labour charges, site access charges etc) that may arise due to the repair or replacement of any units or part thereof.

**Care and Maintenance:**

Periodically clean the units by first disconnecting the power and then clean using a soft damp cloth. Do not use harsh chemical solvents or detergents. Dry immediately with a soft dry cloth.

**POWER LOGIC SA (PTY) LTD****Broad Power Limited**

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