



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
Max. Current
Wattage

220-250 VAC
13-16A (depending on overcurrent protection provided)
1800 - 3000 W (Max., depending on overcurrent protection provided)

Material Composition of Unit:

Casing Construction
Finish
Socket Outlets

V-0 Rated PVC Engineering Plastic
Black Engineering Plastic PVC V-0 Rated
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
Power Rating
Connectors

1.5mm² (cross sectional area of copper strands per core)
16A

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

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

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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