

Technical Specification

Product Range:	One Touch (Electronic)
Specification of Unit:	Multiple GPO, Data Switching, fusing Options available (subject to applicable Standards and requirements)
Operating Ranges:	
Voltage	220-250 VAC
Max. Current	16A (Total)
Wattage	3000 W (Max. rated)
Material Composition of Optima Unit:	
Casing Construction	Aluminium Alloy
Finish	Anodised or Powder Coated (depending on customer requirements)
Socket Outlets	V0/5VB rated Engineering Plastic (flame retardant and very high heat resistance and electrical resistivity)
Other Plastic Components	Engineering Plastic (high heat resistance)
Power Cable and Internal Wiring	
Power Cable Size	1.5mm ² (cross sectional area of copper strands per core)
Current Rating	16A
Connectors	Input – Male 3PP/G (16A); Output – Female 3PP/G (16A)
Construction	Insulated 3 core with PVC outer sheath: 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 Aluminium Casing and Power Sockets In addition, an External Earth Connection Facility is provided for Earthing to metallic desks
Mounting Method:	Through desk, secured with 4 x ratchet clamps (Thickness range: 10-35mm).
Tests and Approvals:	UL – FPDU (Furniture Power Distribution Units- according to UL 962A - Whole System) UL Listing Number: E326685 BS 1363 (Sockets); BS1363-2:2016+A1:2018; BS5733 IEC 60335-1; IEC 62368; IEC 60950-1 VC8029: 2012, SANS 1661:2019; SAN 60884-2-7:2013; SANS 60884-1:2013; SANS 164-0: 2019; SANS 164-1:2019; SAN 164-2:2018; SANS 164-2-1:2018; SANS 164-4: 2018 & SANS 164-6:2018
Compliance:	BS 5733 / SS145 / DIN VDE 0620 / VC8029:2012; SANS 1661, 60884, 164
ROHS/WEEE Compliance:	This unit is ROHS compliant and contains no lead or other heavy metals in accordance with: RoHS - DIRECTIVE 2002/95/EC WEEE - DIRECTIVE 2002/96/EC
Recyclability per unit:	The product is made entirely of recyclable materials
% of Recycled Components	0 – 35%
% of Product that can be recycled: at end of lifecycle	100%

**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 depend s 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%.

Warranty:

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.