

## Technical Specification

<b>Product Range:</b>	<b>Punto Plus Wireless Charger</b>
<b>Specification of Unit:</b>	<i>5W Wireless Qi Charger, 3 core 1.5mm<sup>2</sup> cable to various connector options</i>
<b>Qi Compatible Charger Output:</b>	
<b>Wattage</b>	5W
<b>Material Composition of Unit:</b>	
<b>Enclosure Construction</b>	V0/5VB Engineering Plastic (high heat and flammability resistance)
<b>Power Cable and Internal Wiring</b>	
<b>Power Cable Size</b>	1.5mm <sup>2</sup> (cross sectional area of copper strands per core)
<b>Current Rating</b>	16A
<b>Connections</b>	
Input	Male 3PPG (16A); Optional Plug tops (UK, Eur, Schuko, SA, USA, Aus)
Output	Female 3PPG (16A); Bypass (M+F 3PPG)
<b>Interconnectable Power Cable Construction</b>	
Yes (Bypass version only)	
Insulated 3 core with PVC outer sheath:	
Earth -Yellow/Green	
Live - Brown	
Neutral - Blue	
<b>Accessibility of Live components:</b>	Inaccessible without destroying unit. Tools are required to disassemble product.
<b>Earth Connection:</b>	Earth connection made through input power lead
<b>Mounting Methods:</b>	Through-desk with 80mm diameter cutout hole Threaded Locking Ring allows for fitment through desks between 10mm and 40mm thick.
<b>Tests and Approvals:</b>	<p><b>Charger Power Supply -</b></p> <p>Tested According to</p> <p>EN 55032:2015 EN 55024: 2010+A1:2015 EN61000-3-2:2014 EN 61000-3-3:2013 IEC 60950-1 EN 60950-1:2006 + A11:2009+A1:2010+A12:2011+A2:2013</p> <p>Test Reports:</p> <p>18AE04073E 001; E498726; SA1801038L 01001 issued by Underwriters Laboratories (UL)</p>
<b>ROHS/WEEE Compliance:</b>	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

**LEED information:**

(Leadership in Energy and Environmental Design)

**Approx % Composition<sup>(\*)1</sup> of Product (by weight):**

- Plastic – PC/ABS –60%
- Plastic – PC – <1%
- Plastic – PVC – 8%
- Brass – 1%
- Copper –1 %
- Lead Free Solder – 2%
- Other – 27% (PCB etc)



#### **Material Composition of product & Resources**

- % of pre-consumer recycled content – 5% (Plastic)
- % of post-consumer recycled content – 0%
- Origin country of raw materials – South Africa, Germany, China
- Location of manufacturing facility and final assembly – South Africa
- 25-30% of the Manufacturing Facility's power consumption requirements are met through the use of renewable, non-polluting energy (Solar).

#### **Recyclability per unit post lifecycle:**

The product is made of recyclable materials (\*2)

#### **% of Recycled Components used in Manufacture of the product:**

0 – 35% (\*3)

#### **% of Product that can be recycled at end of lifecycle:**

100% - electronic components must be recycled through appropriate e-waste channels

#### **Notes:**

- \*1- Percentages are calculated based on the weight of the component parts as a fraction of the whole product. Variations to product configurations will alter percentages.
- \*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%.

#### **Warranty:**

These Broad Power products carry a minimum warranty of 12 months from date of manufacture 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.