

## Technical Specification

<b>Product Range:</b>	<b>Punto Plus (UK Spec) – Compliant with BS6396:2022</b>
<b>Specification of Unit:</b>	Single GPO, with Built in Overcurrent protection (3A resettable thermal circuit breaker) Smart Dual-Port USB charger type A-A or Type A-C Optional Pull-Through slot for through-desk cable routing
<b>AC Operating Ranges:</b>	
<b>Voltage</b>	220-250 VAC
<b>Max. Current</b>	13A (Total)
<b>Wattage</b>	3000 W (Max. rated)
<b>Overcurrent Protection:</b>	Internally mounted reset fuse rated at 3A

**USB Charger Specifications:**

	<b>USB-A+A:</b>	<b>USB-A+C</b>
USB charging outlets:	2 x Type A	1 x Type A and 1 Type C
Charging current:	3A shared	
Voltage:	3.6V-6V/3A; 6V-9V/2A; 9V-12V/1.5A (20W max.)	Power Delivery (PD 3.0/2.0) - 5V3A; 9V/2.22A; 12V/1.67A Programable Power Supply (PPS): 3.3V-11V
Rated output power:	20W	
AC voltage range:	100V to 240V at 50Hz	
Full Load AC input current:	0.3A	
Standby power:	0.03W	
Efficiency:	up to 90%	
Standards Compatibility:	Qualcomm QC4.0/QC3.0+/QC3.0/QC2.0; Samsung AFC; Huawei FCP/SCP/HVSCP; USB IF BC1.2/DCP; Apple 2.4A	

<b>USB Charger Features:</b>	USB sockets with Intelligent device recognition Over-temperature shutdown Over-current protection
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**Material Composition of Punto Unit:**

<b>Casing Construction</b>	Engineering Plastic (high heat resistance)
<b>Finish</b>	Sparked in various colour options (Grey, Black, White)
<b>Socket Outlets</b>	V0/5VB rated Engineering Plastic (flame retardant and very high heat resistance and electrical resistivity)
<b>Other Plastic Components</b>	Engineering Plastic (high heat resistance)

**Power Cable and Internal Wiring**

<b>Power Cable Size</b>	1.5mm <sup>2</sup> (cross sectional area of copper strands per core)
<b>Current Rating</b>	13A
<b>Connectors</b>	Input – Male 3PP/G (16A); UK Plug top (fused at 13A) Output – Female 3PP/G (16A)
<b>Power Cable Construction</b>	Insulated 3 core with PVC outer sheath: Earth -Yellow/Green Live - Brown Neutral - Blue

<b>Accessibility of Live components:</b>	Inaccessible without destroying unit
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<b>Earth Connection:</b>	Earth connection made through input power lead which is Internally bonded to Power Sockets
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<b>Mounting Methods:</b>	Through desk with threaded locking ring Mounting Hole Diameter required – 80mm
<b>Operation:</b>	
<b>Power On</b>	Blue light indication in top face
<b>Power Tripped</b>	Red Light indication in top face
<b>Power Off</b>	No light
	When power has tripped, remove the UK plug and reset the internal fuse by inserting a thin pin into the reset hole. Ensure that the excessive load causing the trip has been rectified and re-engage the UK plug.
<b>Tests and Approvals:</b>	BS 1363 (Sockets), BS 5733 (System), Test Report #:7191028382-EEC12-02/PKS issued by TUV Süd
<b>Compliance:</b>	BS 6396:2022 The reset fuse meets the following requirements: 1) Trip free reset fuse; 2) Requires a tool to reset; 3) Requires the UK plug to be disengaged BS 5733 / SS145 / DIN VDE 0620 (where applicable)
<b>Product Dimensions:</b>	
<b>Overall Depth:</b>	61mm (excluding cable strain relief)
<b>Depth from underside of collar lip to base</b>	55mm (excluding cable strain relief)
<b>Collar Diameter:</b>	79.3mm
<b>Overall top diameter:</b>	94mm (including finishing ring)
<b>Mounting hole diameter:</b>	80mm (min.)
<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
<b>Recyclability per unit:</b>	The product is made entirely of recyclable materials
<b>% of Recycled Components</b>	0 – 35%
<b>% of Product that can be recycled: at end of lifecycle</b>	100%
<b>Notes:</b>	
*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%.
<b>Warranty:</b>	These 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.
<b>Care and Maintenance:</b>	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.