

# MODEL RANGE COMPARISON

Feature Description	TP-600	TP-1000	TP-1000 <sub>DUAL</sub>
Lead Acid, AGM, Calcium, GEL battery types	Y	Y	Y
Lithium LiFePO4 battery		Y	Y
Concealed Key Switch battery type selection	Y	Y	Y
Reverse Battery Protection	Y	Y	Y
Battery Bank Compatible	Y	Y	Y
Touch Screen real-time interactive LCD Display	Y	Y	Y
Charging Inputs - Monitoring & LCD Display			
Solar/Car: <i>Shared input Socket</i>	Y	Y	
Car			Y
Solar			Y
Mains	Y	Y	Y
External	Y	Y	Y
Dual Battery			Y
Voltage & Current - Charging & Usage Logs		Y	Y
MAINS AC-DC Mains Charger - Built-in			
Input: 100-240VAC 50/60Hz 2A / Output: 12VDC 10A	Y	Y	Y
CAR Input: 8-16VDC 10A DC-DC Charger - Built-in	Y	Y	Y
SOLAR MPPT Controller (10A) - Built-in	Y	Y	Y
All 12V Nominal Solar Panels (Max Voc = 25V)	Y	Y	Y
Low Voltage Protection & Recovery Mode	Y	Y	Y
Over Voltage & Over Temperature Protection	Y	Y	Y
Dual Battery Bypass Controller			Y
Car Alternator Bulk Power Supply to Inverter			Y
Pure Sine Wave Inverter - Integrated inside Lid			
500W Continuous Power, 1200W Peak Power	Y		
1000W Continuous Power, 2000W Peak Power		Y	Y
Pure Sine Wave Inverter - Timer auto turn-off		Y	Y
USB - fast charge 2 x independent 5VDC 2.5A	Y	Y	Y
LED Lighting - One touch control	Y	Y	Y
High Current 12VDC ANDERSON Outlet	2	2	1
50 Amp - protected with Self Resetting Circuit Breaker	Y	Y	Y
Low Current 12VDC Outlets			
Merit	1	1	1
Engel	1	1	1
CIG	1	1	1
15 Amp - protected with Manual Reset Circuit Breaker	Y	Y	Y
Mains Charging 1m Kettle Cord Accessory Lead	Y	Y	Y
Car Charging 4m Accessory Lead	Y	Y	Y
Solar Charging 2m Accessory Lead			Y
<b>General Specifications</b>			
External Dimensions: 394mm x 215mm x 406mm (L x W x H)			
Operating Temperature: 0 - 50°C			
Battery 'Space Claim': 344 x 179 x 249 mm (L x W x H) - will fit most deep cycle 80Ahr -120Ahr Batteries			
Weight: TP-600 4.5kg, TP-1000 5.6kg, TP-1000 <sub>DUAL</sub> 5.7kg <i>battery not included</i>			

# GENERAL SPECIFICATIONS

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**External Dimensions:** 394mm x 215mm x 406mm (L x W x H)

**Operating Temperature:** 0 – 50°C

**Material:** UV Stable Roto-moulded Box and Lid

**Weight:**

- TP-600 4.5kg battery not included
- TP-1000 5.6kg battery not included
- TP-1000DUAL 5.7kg battery not included

**Suitable for:**

- 12V Deep Cycle Batteries AGM/Gel/Calcium/Wet Lead Acid
- Lithium LiFePO<sub>4</sub> (TP-1000DUAL & TP-1000)

**Battery 'Space Claim':**

- 344mm x 179mm x 249mm (L x W x H)
- Will fit most deep cycle 80Ah - 120Ah Batteries

**Certifications:**

- AU Prov Pat Appln No 2017903530
- Electromagnetic Compatibility (EMC) AS/NZS 61000.6.4:2007
- Information Technology Equipment - Safety AS/NZS 60950:2015
- Safety of Portable Inverters AS/NZS 4763:2011
- Household and similar Electrical Appliances - Safety - Particular requirements for Battery Chargers AS/NZS 60335.2.29:2004 + A1 + A2 with
- Household and similar Electrical Appliances - Safety AS/NZS 60335.1:2011 + A1 + A2