

## Section Index

Renewables or 'green energy' products are one of the most exciting areas of Sunsynk development. The Pocket Power Station, Power Banks and Power Converters, use technology created by our own engineers and are unique when compared to other power storage devices.

### Pocket Power Station

Pocket Power Station 1 inc Battery and Case  
 Pocket Power Station 2 inc Battery and Case  
 100 WH Battery  
 150 WH Battery  
 180 WH Battery  
 230 WH Battery  
 30 Watt Foldable Solar Panel  
 30 Watt Twin Flood Light

### Power Banks

Power bank 1 (12V System)  
 Batteries for power bank 1  
 100 Watt Panel for Power Bank 1 inc fixings and cable  
 100 Watt Wind Turbine for Power Bank 1

### Power Bank 2 ( 48V System )

Batteries for Power Bank 2  
 250 Watt Panel for Power Bank 2 incl. fixings and Cable  
 500 Watt Wind Turbine for Power Bank 2

### Power Master

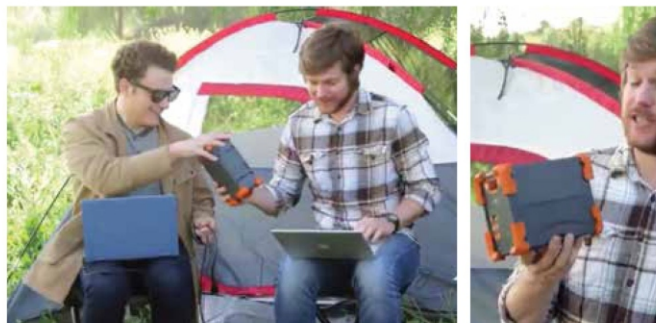
4 KW Power Master inverter  
 15 KW Power Master Inverter  
 15 KW Power Master Inverter 3 phase  
 100 Amp MPPT Charge controller  
 250 Watt Solar Panel for Power Master systems incl. fixings  
 500 AH AGM 2V Cell for Power Master incl. cables  
 1000 AH AGM 2V Cell for Power Master incl. cables

### Power Converters

12V Power Converter ( Inc all cables )  
 230V Power converter ( Inc all cables )  
 30 Watt Flex panel for Power Converter  
 50 Watt Fix panel for Power Converter



## Pocket Power Station

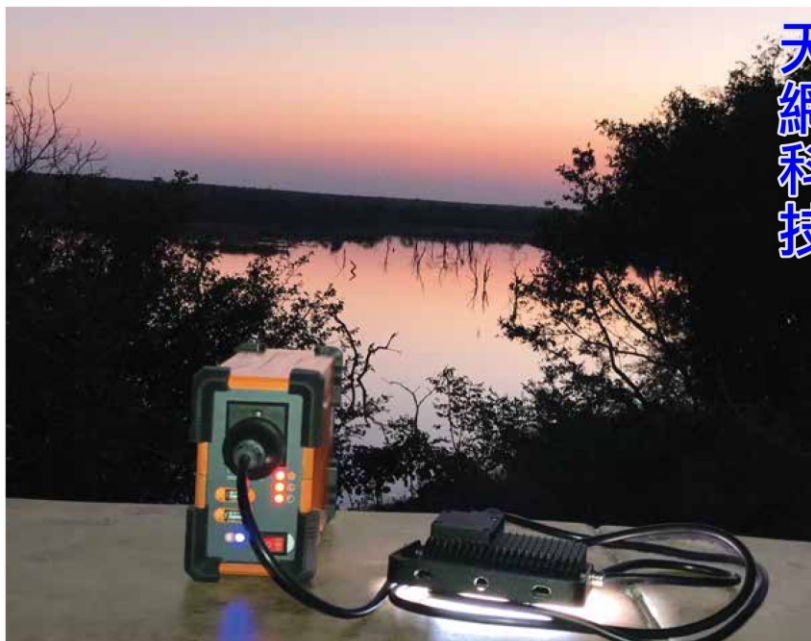


Pocket Power Station has similarities to other portable storage devices in its outlook, however underneath its shockproof shell is a totally different device which can provide mains power to 3-4 devices for 5 hours once fully charged. It comes in two versions that can deliver either 110 volts or 230V AC and it can be charged by either solar panels, mains power or DC battery power. It delivers 160 watt for 1 hour or 40 Watt for 4 hours. The smaller version has only one lithium-ion battery while the larger 4 model has two and can therefore last twice as long.

The Pocket Power Station is capable of running devices in those environments where mains power is not available or being fitted to those power systems that might be vulnerable to power outages as a back-up or Uninterrupted Power Supply.

### Potential Applications

- Expedition power supply emergency back up or source for computers / lighting.
- Search and Rescue Team mobile power-source for search lights, electronic first aid equipment / scanners.
- Uninterrupted Power Supply to engage navigational equipment upon generator or battery failure.
- Re-chargeable power source that can receive a charge from multiple sources.
- Capable of connecting to normal AC powered devices via 3-pin plug.
- Leisure - camping - powering radios and lights. ( re-charge during day via solar panel )
- Police / Ambulance - portable power source for thermal imagers / computers / lighting live-saving equipment.



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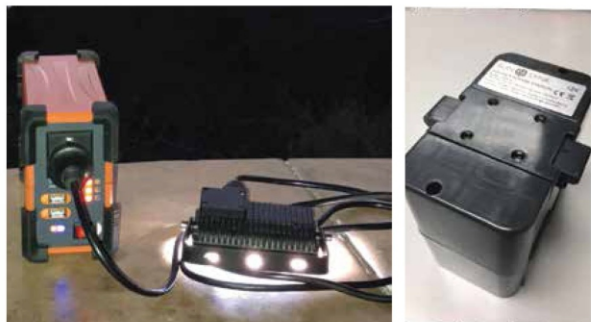
	Pocket Power Station 1 ( Excl. Battery )	Pocket Power Station 2 ( Excl. Battery )
Product Size	19 x 13 x 7.5cm	30 x 13 x 7.5cm
Colour	Orange Body & Grey Shock Absorbers	Orange Body & Grey Shock Absorbers
Weight	1.45Kg	2.2Kg
Output Power	100 Watts	200 Watts
Rated Voltage	AC 230V or 110V Versions	AC 230V or 110V Versions
Operating Frequency	50Hz/60Hz	50Hz/60Hz
Battery Size	1 x 100/150/180/230Watt	2 x 100/150/180/230Watt
Max Input Current	10 Amps	10 Amps
Charger Connection Type	DC Jack / Micro USB	DC Jack
CE/IEC/ROSH/SAA	Yes	Yes
Model Number	PPS1	PPS2

## Pocket Power Station Accessories



In order to increase the ability of the Pocket Power Station (1-2) to operate independently and assist people in areas cut off from mains supply, we have introduced a range of batteries and a 30 Watt Solar Panel which should benefit the user greatly.

Buyers should remind themselves however, that they can only fly with the 100 Wh and 150 Wh batteries in hand luggage as the other will have to be transported via surface. (160 Wh is the limit for Lithium-ion batteries on airlines in hand carriage)



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	Batteries for use with Pocket Power Station				Foldable Solar Panel	
	100 WH	150 WH	180 WH	230 WH	Size	3 x A4
Weight	0.75Kg				Wattage	35W
Min Wattage	93.6	111	144	195	Material	Polycrystalline
Typical	96	132	168	204	Cable Length	2metre
Cell MN	China		Japan		Connection	DC Jack
Construction	Polycarbonate				Voltage	18V
Fitting	Spring Lock				Colour	Black
Colour	Grey				IP Rating	IP66
Contacts	Chrome plated copper.				Weight	2.00Kg
Size	100mm x 90mm x 58mm				-	-
Model Number	PPS100W	PPS150W	PPS180W	PPS230W	Model No	PPS Sol 35