

## Detailed Technical Specifications :

<b>Solar Panel</b>	
Rated output	6 Watts peak, at standard test conditions of 1.5ATM, 25°C, 1000W/m2
Construction	Tempered glass front, anodized aluminium frame, IP65 rated with 2 bypass diodes. Integrated 7m cable.
Weight	0.7kg
Dimensions	255 x 255 x 17mm
Max Power Voltage	17.6 V
Max Power Current	0.34 A
Open Circuit Voltage	21.4 V
Short Circuit Current	0.39 A
Operating Temperature	-40°C to +85°C

  

<b>Battery</b>	
	Maintenance free AGM sealed lead acid battery
Capacity	4Ah
Nominal Voltage	12V

  

<b>Power System Controller</b>	
Nominal Voltage	12V
Outputs	4 x 12V lighting outputs 2 x USB outputs 1 x 12V device output
Inputs	Max PV voltage: 24V Max PV Power: 30W Max PV Current: 2A
Protections	PV array short circuit, Overload, Load short circuit, PV reverse polarity
Battery management	4 stage charge controller Upper Charging Limit: 14.4V Absorption Voltage: 14.4V Float Voltage: 13.8V Low Voltage Disconnect: 11.8V
Self-consumption	Active mode: 9-11mA Sleep mode: <1mA

  

<b>LED Lamps</b>	
Number of lamps	4 pendant lamps
Light output per lamp	75 lumens per pendant lamp
Inbuilt cable	3m per pendant lamp
Switch cables	Three 5m wires, one 7m wire

  

<b>Other Included Accessories</b>	
	USB to multiple phone charging kit USB Radio cable adaptor (for use with 8V radios) 12V Cigarette plug adaptor cable Mounting screws and clips

**Warranty** All components guaranteed for 24 months from date of purchase by first user. The warranty is not valid if product is misused or damaged by the user. For warranty terms and conditions please contact Barefoot Power at [info@barefootpower.com](mailto:info@barefootpower.com)