

# ECOBOXX 1500 SOLAR GENERATOR KIT

## GET TO KNOW YOUR ECOBOXX

### CHARGE IT

- The Ecoboxx 1500 can be powered completely from solar power or via an AC charger.

### PLUG IT

- The Ecoboxx 1500 is capable of charging devices through AC, DC or USB outlets.

## GETTING STARTED

1. Charge your Ecoboxx 1500 through the input port.
2. Recharge from 130W solar panel kit or an AC charger.
3. Position the 130W solar panels at an angle facing the sun (see below).
4. Connect the Ecoboxx 1500 (via Anderson plug connector) to the optional Ecotank or a 12V 100-300 Ah lead acid (AGM) battery to start charging.



## HOW TO USE YOUR ECOBOXX 1500

1. AC output port: Use any AC device up to 1500 watts.
2. USB output port: Accepts any standard USB cable for charging USB devices.
3. DC Car/Cigarette output port: Connect 12V devices.
4. DC 6mm output port: Connect LED lighting.

## HOW TO USE YOUR 130W SOLAR KIT

- Bracket Holes: use the brackets on the side of your panel to hang or affix permanently.
- Power Cable: 5-meter cable included.

## COMES WITH

- 130 Watt Solar Panel Kit
- LED 3W Light
- AC Charger
- Mounting Wall System
- Battery Cable with Anderson Plug Connection

## FREQUENTLY ASKED QUESTIONS

### ECOBOXX 1500

#### What else do I need, to have a 1500W stand alone solar power system?

All you require is the optional Ecotank or a 12V 100-300 Ah lead acid (AGM) battery.

#### Can I add more power?

Chainable connect AGM batteries to a maximum of 300 Ah.

#### Can I use both the 12V and 230V outlets at the same time?

Yes.

#### Why does the battery indicator drop when I plug in my devices?

When using higher powered electronics, battery meter shows reduced capacity. This is normal. To see actual amount of power remaining in the battery, unplug all devices and wait 60 seconds.

#### Is it weatherproof?

The Ecoboxx will hold up in inclement weather, but is not waterproof. Ensure the ports are dry before using.

### 130W SOLAR PANEL KIT

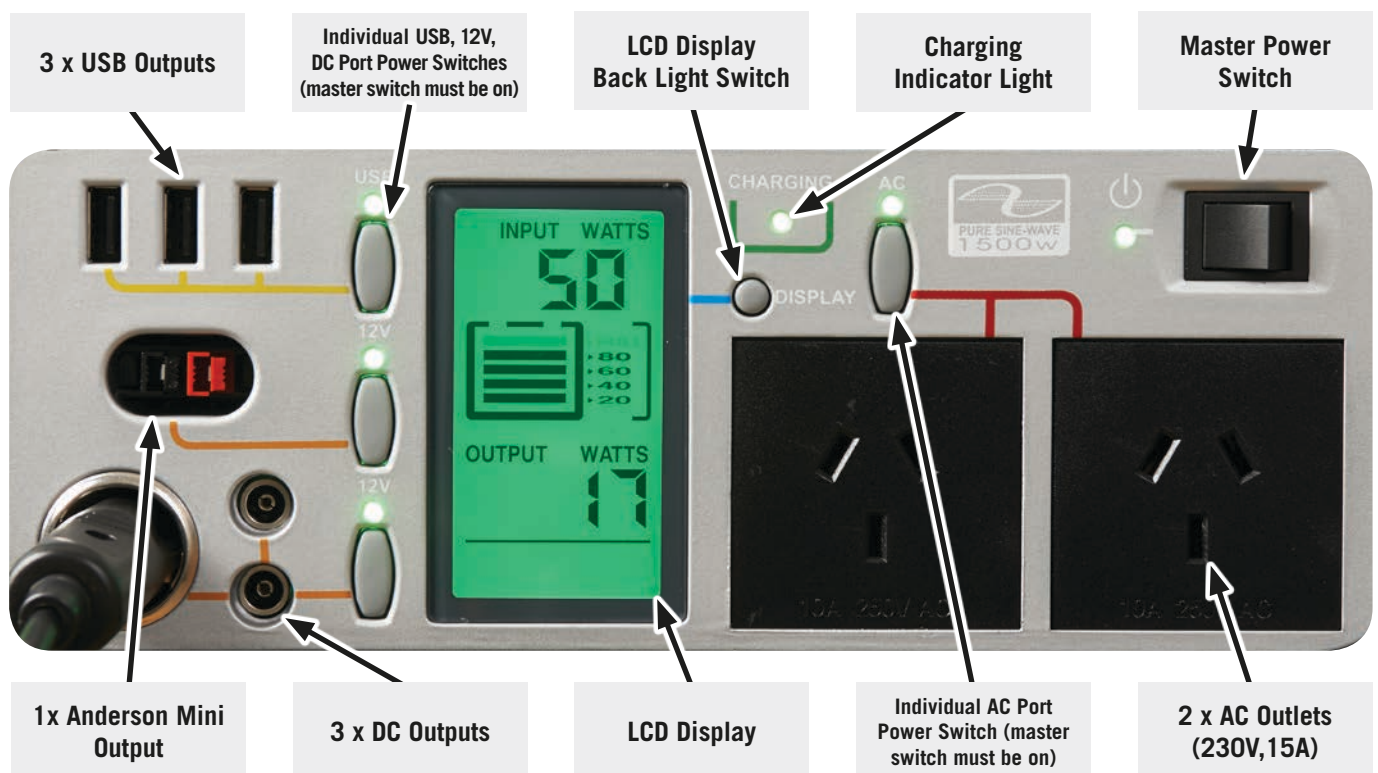
#### Is the solar panel kit waterproof?

Yes, The solar panel kit is weatherproof however ensure the connection port is dry before connection to the Ecoboxx.

#### Does the solar panel kit give a full 130 Watts of power?

It delivers up to 130 Watts of power, but the angle of the panels and the cloud coverage can impact its performance. Avoid the shade. It will not work indoors.

## FRONT PANEL



# ECOBOXX 1500 SOLAR GENERATOR KIT

## TECHNICAL SPECS

### USAGE

Charges from the following: 130W solar kit AC wall charger	Approx. charge time (based on a 100Ah lead acid AGM battery) 6-8 hours 4-5 hours
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### INPUTS

Charging port (5mm)	16~26V, 20A max
Solar Panel	Rated Power: 120W Cell type: mono-crystalline Open circuit voltage: 21.6V

### OUTPUTS

AC (230V/50Hz)	2 x 15A outlets, 1500W max total continuous, pure sine wave
USB ports	3 x 5V outlets, 1.5A (7.5W) each, regulated
12V port (6mm)	2 x 6A outlets, unregulated
12V cigarette output port	1 x 10A max, unregulated
12V Anderson Port	1 x 33A max, unregulated

### INTERNAL

Inverter	1500W pure-sine wave inverter
Charge Controller	20A MPPT (Maximum Power Point Tracking)
Fuses	200A (4 x 50A fuses in parallel)

### GENERAL

Weight	
Ecoboxx 1500:	9.5 kg
Solar panel kit:	14 kg
Dimensions	
Ecoboxx 1500:	410 x 130 x 420 mm
Solar panel kit:	780 x 40 x 675 mm (each)
Warranty	12 months
Tested and Certified	SAA, CE
Operating usage temp.	0°~40°C
Optimal storage temp.	21°C

