

**160W MONOCRYSTALLINE SOLAR PORTABLE KITS**
**Power on the GO**

5 years panel warranty, 25 years for performance warranty

**Highlight Features**

<b>Monocrystalline Technology</b>	Adopt <b>high efficiency</b> monocrystalline solar cell technology to save the weight and dimension
<b>Patent Controller</b>	Unique <b>integrated controller technology</b> improving the efficiency by simple connections reducing the line loss
<b>Robust Structure</b>	Alloys Anodized <b>Aluminium Frame</b> with Corner Protectors
<b>Portable Design</b>	Panel folds and locks with built-in handle for easy go
<b>Plug and Play</b>	Equipped with <b>quality</b> big current plugs, alligators clips and latches for quick connection
<b>Adjusting Free</b>	<b>Optimized angle design</b> per local market's radiation condition for free on height and angle adjustment
<b>Abundant Options</b>	Multi-foldable design, Cigarette lighter, Anderson plugs, LCD display controller, adjustable support


**Patent Integrated Controller (Standard)**

**LCD Controller (optional)**

**Simple Connections, Efficiency Improved**

**With Strong Bag**

**Application**
**Portable Power System**

**Camping**

**Caravan**

**Specifications**
**Electrical Specifications**

Nominal Max Power	160Wp
Max Power Voltage	18.4V
Max Power Current	8.70A
Open Circuit Voltage	22.6V
Short Circuit Current	9.45
Operating Temperature	-40°C to 85°C
Max System Voltage	1000V DC (IEC)
Standard Test Condition	AM1.5/1000W/m2/25C
Max Charge/load Current	15A
Power Tolerance	0-3%

**Mechanical Specifications**

Solar Cell	PERC Monocrystalline
Product Weight	13.5kg
Dimension Folded	770x680x75mm
Dimension Open	1540x680x35mm
Front Material	Tempered Glass 3.2mm
Handle Material	Stainless Steel
Panel Frame	Alloys Anodized Aluminium
Output Cable	Dia./14AWG, Length/5m
Junction Box	IP65 Water Proof
Controller Function	Auto Detect 12V/24V

**Packing Details**

160W folding solar panel(2x80W)
with Supports integrated
5 M cables
Heavy duty carry bag
Alligator clips
Anderson plugs
Controller integrated technology