

## 12 V / 24 V Caravan and Camping Applications



Warranty

## Portable solar charger

Sunman's portable solar charger is a perfect solution as a portable, reliable and convenient power resource for the camping, hiking and some other off-grid environment.



## Accessories (1 year warranty)

12/24V charge controller with LCD display

Alligator clips for battery connection

5 m extension cable with Anderson Plugs

## Features

### Portable:

Foldable design with side bag result in a much smaller size and easy to carry.

### Ultra-light:

The power-weight ratio is more than 30W/kg due to patented materials.

### High efficiency:

The maximum power up to 235W can produce more than 700wh per day in most areas.

### Durability:

The same materials as Sunman's unique eArc used lead to strong weather resistance and wide application range.

## Electrical Characteristics

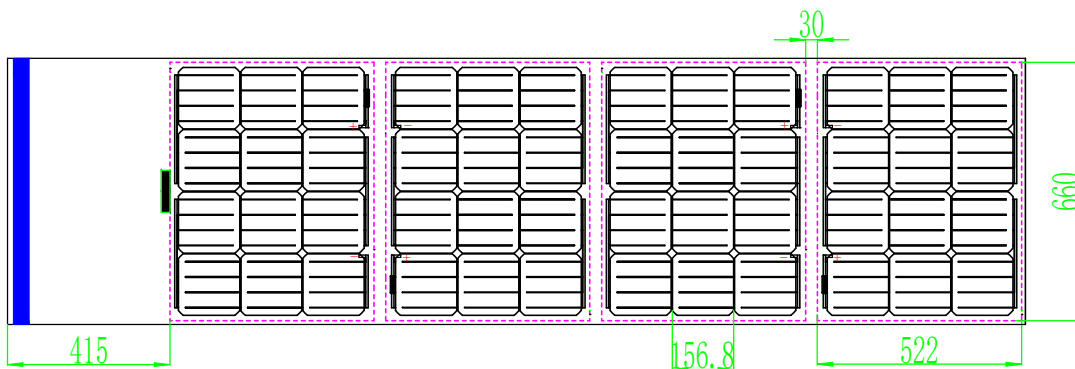
STC	Portable SMF235M-12
Maximum Power ( $P_{max}$ )	235
Maximum Power Voltage ( $V_{mp}$ )	26.1
Maximum Power Current ( $I_{mp}$ )	9.01
Open-circuit Voltage ( $V_{oc}$ )	31.7
Short-circuit Current ( $I_{sc}$ )	9.54
Operating Temperature ( $^{\circ}C$ )	-40 $^{\circ}C$ to 85 $^{\circ}C$
Maximum System Voltage	600 V DC (IEC)
Application Class	Class A
Power Tolerance	0/+5 W

STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25 $^{\circ}C$ , AM=1.5.

## Mechanical Characteristics

Product	Portable SMF235M-12
Solar Cell	Mono (6 inches)
No. of Cells	48
Folded Dimensions	670x540x24 mm
Unfold Dimensions	670x2600x5 mm
Weight	6.7 kg
Color	Black
Materials of bag	Waterproof nylon fabric
Connector	Anderson Plugs

## Unfold Dimensions



Dealer Information