

# Flexible Solar Panel Series



## 50W Flexible Solar Panel

### Product Description:

This 50W flexible solar panel is flexible and portable, flexible up to 30 degrees. It features with the highest-efficiency Sunpower solar cells (~22.8%) which means more power or faster charging times for solar compatible batteries. It is PET laminated, which is lightweight and durable, allowing for easy transport, installation. Ideal for use on flat or curved surfaces like rooftop, boats, yachts, caravans / motorhomes, RVs, bus station, marine applications etc.

### Features:

- Lightweight and portable, flexible up to 30 degrees
- Super high efficiency Sunpower solar cell (around 22.8% efficiency), which means more power or faster charging times for solar compatible batteries
- High transmittance and durable PET film on solar panel top
- Solar cells have very good low-light performance
- Waterproof, scratch resistant and UV resistant

### Specifications

Item no.: BS-F50W

Dimensions: 560mm x 540mm x 2mm

Type of solar cell: Sunpower mono-crystalline silicon solar cell

Quantities of solar cell: 16 pieces

Peak power: 50 Watt

Power tolerance:  $\pm 5\%$

Peak voltage: 17.6 Volt

Peak current: 2.84A

Open-circuit voltage: 21.6 Volt

Short-circuit current: 3.05A

Product warranty: 2 years

Front side film: PET film

Delivery time: 20 days

Test conditions: 1000watt/m<sup>2</sup>, 1.5AM, 25°C