SOLARLAND®
Solar Technology and Solutions
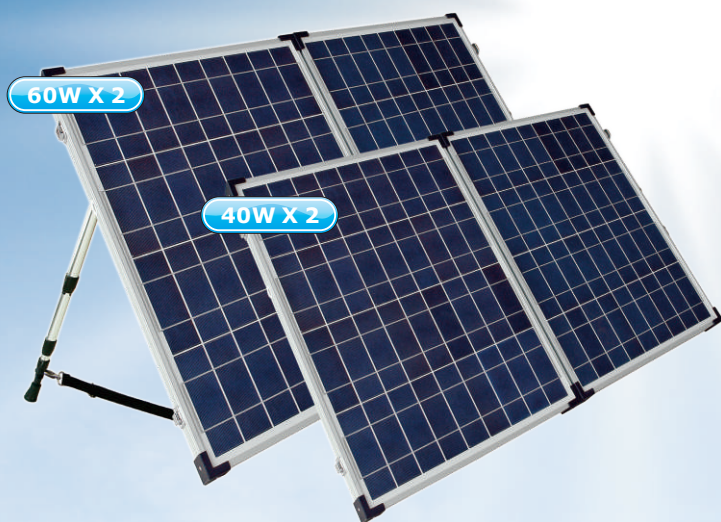
Solar Powerport

12V Portable - Foldable
Solar Panel Charging Systems

The Solarland SLPF ECONOMY Series of portable solar chargers is the third generation design.
Originally designed for humanitarian efforts in Africa these products are widely used in a wide range of applications
including; …RV, camping, boating, hunting, disaster recovery and military.

60W X 2

40W X 2

- VERSATILE, RUGGED DESIGN!

- PARK IN THE SHADE, PUT THE PANEL IN THE SUN!

- ADJUSTABLE ANGLE RANGING FROM 20-60° FOR MAXIMUM ENERGY ABSORPTION

- NO NEED TO MAKE HOLES IN THE ROOF OF YOUR VEHICLE

- SIMPLE 'PLUG 'N PLAY' SYSTEM

- COMPACT SIZE, FOLDING EASILY FOR STORAGE AND TRANSIT

Kit is Complete With:

CARRY BAG
for safe transportation and storage is standard with every kit. the 80W and 120W have a cloth bag

TELESCOPIC ADJUSTABLE LEGS
are easily adjusted allowing for maximum power generation based on location and time of day.

SMART PWM CONTROLLER
safely regulates battery charging. An LED display clearly indicates the state of charge and a toggle switch allows for lead-acid and Gel style battery charging
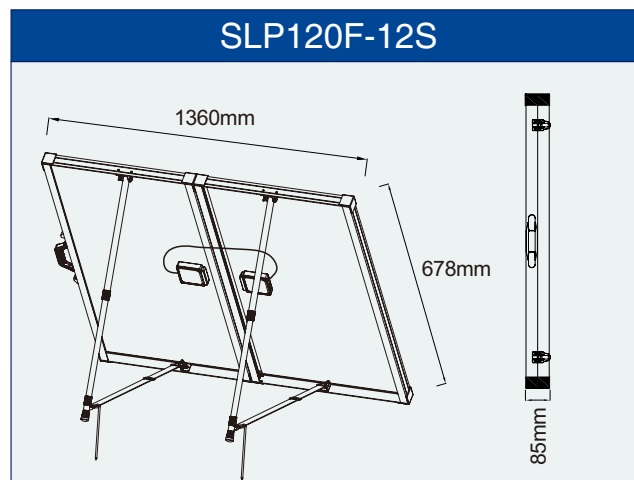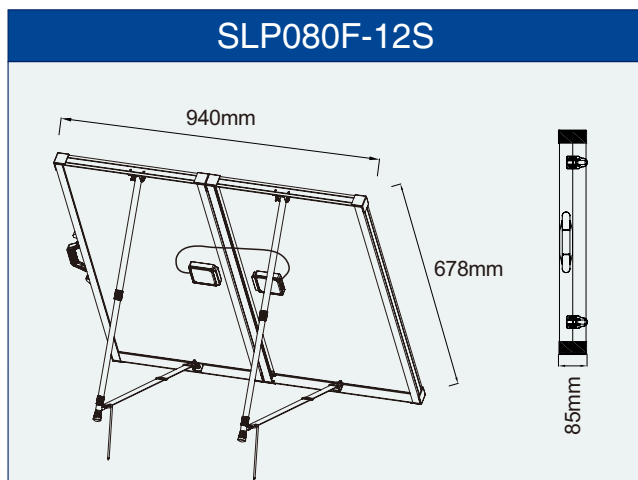
BATTERY CLAMP

CARRY HANDLE & LOCKING FASTENERS
Models Only allow for easy handling. The fasteners lock the panel shut while in transit.
(SLP080F-12S & SLP120F-12S)

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SLP080F-12S   80W/12V
SLP120F-12S 120W/12V

Solar Powerport

SLPF – ECONOMY SERIES FOLDING PANEL KITS

SLP080F-12S

940mm
678mm
85mm

SLP120F-12S

1360mm
678mm
85mm

TECHNICAL SPECIFICATIONS

Specifications	SLP080F-12S	SLP120F-12S
Model	SLP080F-12S	SLP120F-12S
Max. Power	80W	120W
Nominal System Voltage	12V	12V
Minimum Charge Start Voltage	8V(Controller will not work with a battery lower than 8V)	
PV Panel	Aluminum/Glass Multi-Crystalline	
No. Panels	2pcs x 40W panels in parallel	2pcs x 60W panels in parallel
Controller	Remote PWM solar charge controller	Remote PWM solar charge controller
PV Panel Voltage at Max. Power	17.2V	17.2V
PV Panel Current at Max. Power	4.65A	6.98A
Max. Load Current	10A	10A
Operating Temperature	-20°C~+50°C	
Accessories Included		
Carry Case	Cloth	Cloth
16.4' Cable Extension	Included	Included
SLSC-02 Battery Clamp Set	Included	Included
Packaging	Individually packaged	
Carton Size		
Carton Weight		

STC: Irradiance 1000W/m2, AM1.5 spectrum, module temperature 25°C