



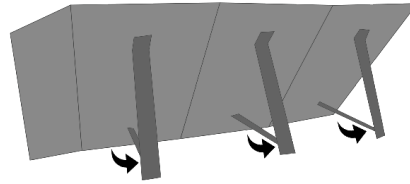
SOLAR PANEL KIT

Genasun GV-10 MPPT Solar Charge Controller, Merlin 100W Foldable Solar Panel, and Accessories.

1. Open the solar panel.



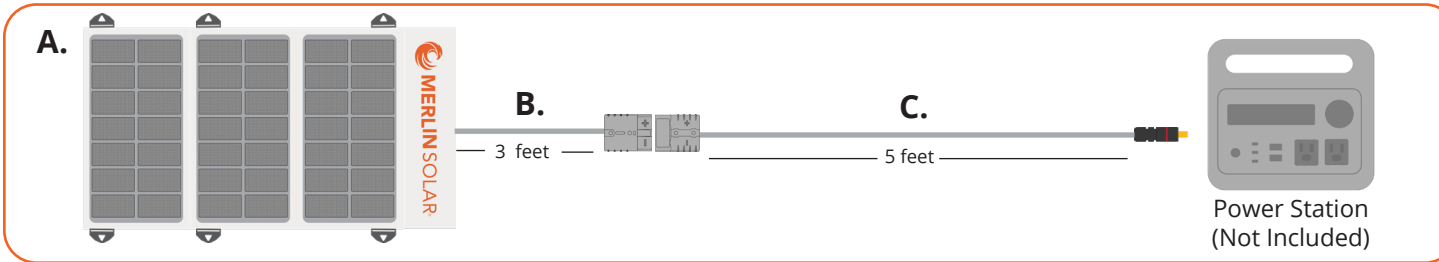
2. Stand the solar panel up using the legs and place it in direct sunlight.



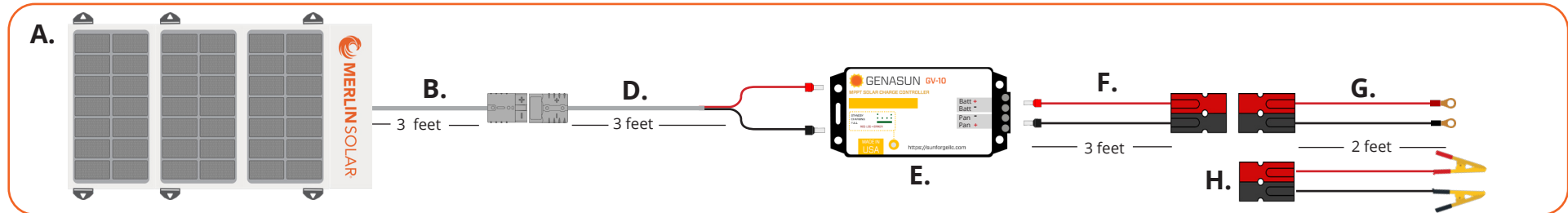
3. Connect the solar panel using one of the methods below.

Included in Kit:

- A. Merlin Panther 100W Foldable Solar Panel
- B. Anderson SB50 Plug, 3 ft. x 12 AWG cable
- C. 8mm Male (Goal Zero/Jackery) connector/input, 5 ft.
- D. Anderson SB50 Socket, 3 ft. x 12 AWG cable
- E. Genasun GV-10 (10.5A MPPT Solar Charge Controller)
- F. Anderson 15-45 Powerpole, 3 ft. x 12 AWG cable
- G. 2 x 5/16" Ring Terminal, 2 ft. x 12 AWG cable
- H. 2 x Alligator Connector, 2 ft. x 12 AWG cable



Scan for video instructions on using the panel with a power station.



Merlin Panther 100W Specifications¹

Rated Power (P Max):	100 W
Voltage at Pmax (Vmp):	23.94 V
Current at Pmax (Imp):	4.49 A
Output Connector:	Powerpole Anderson SB50 Connector
Dimensions (panel open) L,W,T:	52.25" x 16.85" x 0.95" (1.327 mm x 428 mm x 24 mm)
Weight:	7.7 lb (3.5 kg)

Genasun GV-10 Specifications

Technology:	MPPT
Max. Recom. Panel Power:	140 W
Rated Charging Current:	10.5 A
RFI Silent:	Yes (FCC, CE)
Dimensions:	5.5" x 2.5" x 1.2" (14 cm x 6.5 cm x 3.1 cm)
Weight:	6.5 oz (185 g)

(1) STC standard test conditions. 1000W/m2 intensity. Air mass 1.5, 25°C cell temperature. Power tolerance is +/- 5% W at STC. The electrical characteristics are within +/- 10% unless otherwise specified. Specifications are subject to change.