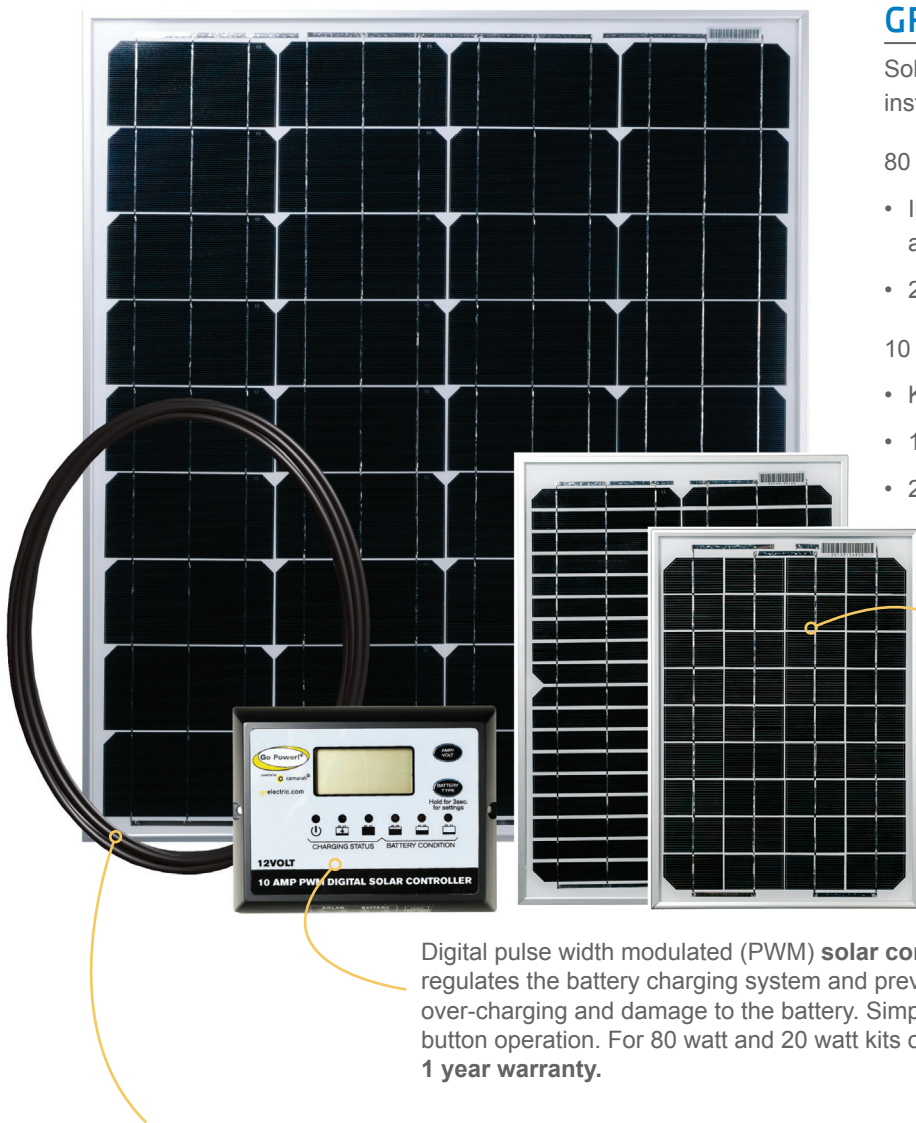




POWERFUL AND ECONOMICAL BATTERY CHARGING KITS



GP-ECO-80 / GP-ECO-20 / GP-ECO-10

Solar starter kit comes with everything you need to install on your rooftop.

80 watt full charging kit for weekend camping

- Includes 25' set of MC4 solar cables and 10 amp digital solar controller
- 25 year output power warranty

10 and 20 watt kits to trickle charge your batteries

- Kits include 25' set of solar cables
- 10 year output power warranty
- 20 watt kit includes 10 amp digital solar controller

High-efficiency **solar modules** with tempered glass to withstand hail or light debris.

Digital pulse width modulated (PWM) **solar controller** regulates the battery charging system and prevents over-charging and damage to the battery. Simple push button operation. For 80 watt and 20 watt kits only. **1 year warranty.**

Includes everything for a simple installation: all **mounting hardware** and **solar cables**.

ECO SOLAR SERIES SPECIFICATIONS

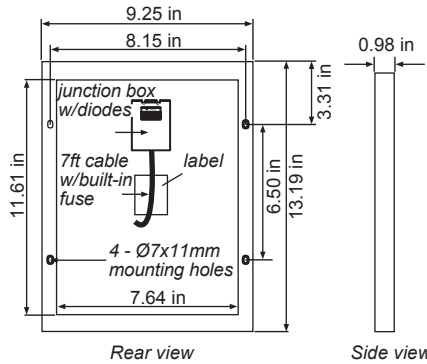
SPECIFICATIONS*	GP-ECO-80	GP-ECO-20	GP-ECO-10
Cell type	Monocrystalline	Monocrystalline	Monocrystalline
Rated power (Pm)	80 W	20 W	10 W
Maximum power voltage (Vmp)	17.5 V	17.5 V	17.5 V
Maximum power current (Imp)	4.57 A	1.14 A	0.57 A
Open circuit voltage (Voc)	21.0 V	21.6 V	21 V
Short circuit voltage (Isc)	4.85 A	1.21 A	0.62 A
Module efficiency	15.9%	17.30%	17.03%
Max system voltage	600 VDC	600 VDC	600 VDC
Cables	25 ft. MC4 connector solar cables	25 ft. solar cables	25 ft. solar cables
Solar controller	10 amp PWM digital display	10 amp PWM digital display	Not required
Weight	15.4 lb (7 kg)	3.97 lb (1.8 kg)	1.7 lb (0.8 kg)
Dimensions	30.31 x 26.77 x 1.18 in (760 x 670 x 30 mm)	13.58 x 18.50 x 0.98 in (345 x 470 x 25 mm)	13.19 x 9.25 x 0.98 in (335 x 225 x 25 mm)
Frame type / material	Clear anodized aluminum frame	Clear anodized aluminum frame	Clear anodized aluminum frame
Output power warranty	25 year	10 year	10 year

Power Specifications calculated at STC:

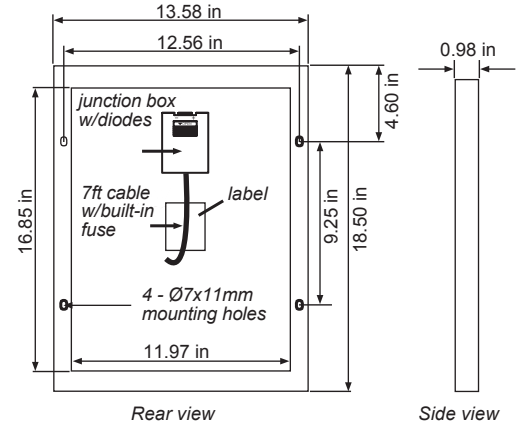
- Irradiance: 1000 W/m²
- Cell Temperature: 77°F (25°C)
- Air Mass: 1.5G

*Specifications subject to change without notice

GP-ECO-10



GP-ECO-20



GP-ECO-80

