

# FLEX PANEL SOLAR & EXPANSTION KITS



## CATEGORY:

FLEX SOLAR KITS

## MODEL TYPE:

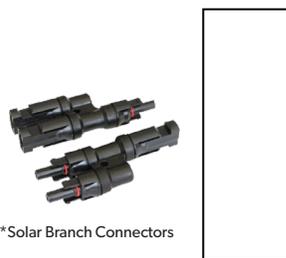
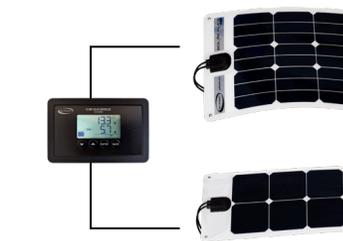
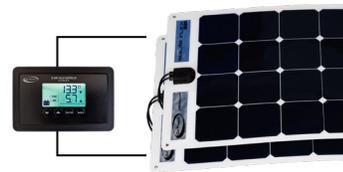
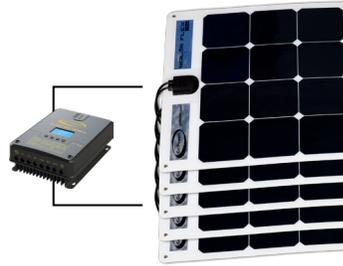
- GP-FLEX-550
- GP-ECLIPSE-FLEX-190
- GP-FLEX-220
- GP-FLEX-110
- GP-FLEX-55
- GP-FLEX-35
- GP-ECLIPSE-FLEX-190E
- GP-FLEX-110E
- GP-FLEX-55E

## IDEAL FOR:



Go Power! Solar Flex™ kits use flexible, high-efficiency back-contact solar modules that conform to almost any surface. These kits use high-efficiency, marine-grade solar modules - a versatile battery charging solution that:

- avoids custom mounts (110 and 50 watt modules curve up to 30 degrees)
- has a durable top-sheet
- can be affixed with adhesive or screws
- provides a durable surface (modules are less than 1/8" / 3mm thick)
- ideal for lightweight RVs (modules are 82% lighter)



## HIGH-EFFICIENCY LOW-PROFILE MONOCRYSTALLINE PANEL KITS

**GP-FLEX-550** kit includes high-efficiency monocrystalline solar panel(s), GP-MPPT-PRO-60 solar controller with Bluetooth® Wireless Technology Dongle, and a Solar Controller Remote, solar connectors and mounting hardware.

**GP-ECLIPSE-FLEX-190** kits include 1x high-efficiency monocrystalline solar panel (190 watts), 30 amp MPPT, stackable solar controller, RV-C compatible solar controller, Bluetooth®-enabled remote, solar connectors and mounting hardware.

**GP-FLEX-220 / 110** kits include high-efficiency monocrystalline solar panel(s) (220/110 watts), GP-PWM-30 (30 amp) solar controller with Bluetooth® Wireless Technology, solar connectors and mounting hardware. To learn more about the SB-PWM-30BT's capabilities, visit [gopowersolar.com/bluetooth](http://gopowersolar.com/bluetooth).

**GP-FLEX-35** kit includes 1x high-efficiency monocrystalline solar panel (35 watts), a GP-SB-PWM-10 (10 amp) solar controller, solar connectors and mounting hardware.

**GP-FLEX-55** kit includes 1x high-efficiency monocrystalline solar panel (55 watts), a GP-SB-PWM-10 (10 amp) solar controller, solar connectors and mounting hardware.

**GP-ECLIPSE-FLEX-190E** expansion kits include 1x high-efficiency monocrystalline solar panel (190 watts), and solar branch connectors.

**GP-FLEX-55E** expansion kit includes 1x high-efficiency monocrystalline solar panel (55 watts), and solar branch connectors.

**GP-FLEX-110E** expansion kit includes 1x high-efficiency monocrystalline solar panel (110 watts), and solar branch connectors.



P: +1 866 247 6527  
E: [sales@gopowersolar.com](mailto:sales@gopowersolar.com)  
W: [gopowersolar.com](http://gopowersolar.com)

201 - 710 Redbrick St,  
Victoria, British Columbia,  
Canada, V8T 5J3

## SOLAR PANEL

| SPECIFICATIONS              | GP-FLEX-550/220<br>(5/2 X FLEX-110)         | GP-ECLIPSE-190<br>(190E)                    | GP-FLEX-110<br>(110E)                       | GP-FLEX-55<br>(55E)                         | GP-FLEX-35                                |
|-----------------------------|---|---|---|---|---|
| Cell type                   | Monocrystalline                             |   |   |   |   |
| Rated Power (Pm)            | 550W / 220 W                                | 190 W                                       | 110 W                                       | 55 W  | 35 W                                      |
| Maximum Power Voltage (Vmp) | 17.5V                                       | 20.1V                                       |   | 17.5V                                       |   |
| Maximum Power Current (Imp) | 28.4A/11.36A                                | 9.89A                                       | 5.68A                                       | 2.88A                                       | 1.70A                                     |
| Open Circuit Voltage (Voc)  | 21.0V                                       | 23.4V                                       | 21.0V                                       | 19.0V                                       | 21.0V                                     |
| Short Circuit Current (Isc) | 31.55A/12.62A                               | 10.72A                                      | 6.31A                                       | 3.04A                                       | 1.88A                                     |
| Max System Voltage          | 600VDC                                      |   |   |   |   |
| Weight                      | 14.5lbs (6.6 kg) /<br>5.82 lbs (1.7 kg)     | 8.3lb (3.76 kg)                             | 2.9 lbs (1.35 kg)                           | 1.6 lbs (0.72 kg)                           | 1.1 lb (0.49 kg)                          |
| Dimensions                  | 44.6 x 21.4 x 0.1 in<br>(1134 x 544 x 3 mm) | 55.98 x 27.20 x 0.1 in<br>1422 x 691 x 3 mm | 44.6 x 21.4 x 0.1 in<br>(1134 x 544 x 3 mm) | 42.1 x 11.3 x 0.1 in<br>(1070 x 286 x 3 mm) | 24.4 x 14.9 x 0.1 in<br>(620 x 380 x 3mm) |

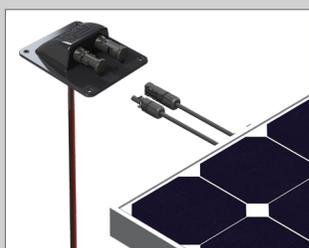
## DIGITAL SOLAR CONTROLLER

| SPECIFICATIONS                 | GP-RVC-30-MPPT   | GP-MPPT-PRO-60                               | GP-SB-PWM-30BT                           | GP-SB-PWM-10                             |
|--------------------------------|--|--|--|--|
| Nominal System Voltage         | 12/24V   | 12/24/36/48V(auto-recognition)               | 12V                                      | 12V                                      |
| Max Solar Array Current        | 30A  | 60A  | 30A                                      | 10A                                      |
| Battery Voltage Range          | 8V - 28V   | 9V - 65V                                     | 6V - 15.5V                               | 6V - 15.5V                               |
| Max. Solar panel input voltage | 28V  | 28V - 48V                                    | 28V                                      | 28V                                      |
| Operating Consumption          | 8mA  | -  | 6mA                                      | 6mA                                      |
| Display Consumption            | -  | -  | ≤15mA                                    | ≤15mA                                    |
| Temp. Compensation             | -13mV/°F / -24mV/°C  | -  | -24mV/°C / -13mV/°F                      | -24mV/°C / -13mV/°F                      |
| Operating Temperature          | -31 ~ 113°F / -35 ~ 45°C   | -31 to 113°F / -35 to 45°C                   | -40 to 140°F / -40 to 60°C               | -40 to 140°F / -40 to 60°C               |
| Humidity                       | 99% N.C.   | 99% N.C.                                     | 99% N.C.                                 | 99% N.C.                                 |
| Dimensions (H x W x D):        | 3.37 x 7.77 x 5.71 in;<br>85 x 197 x 145 mm  | 11.22 x 8.07 x 3.66 in;<br>285 x 205 x 93 mm | 5.87 x 3.86 x 1.26in;<br>149 x 98 x 32mm | 5.87 x 3.86 x 1.26in;<br>149 x 98 x 32mm |
| Weight                         | 1420 g; 50.1 oz  | 3600g; 126.4 oz                              | 260g / 9.2oz                             | 260g / 9.2oz                             |
| Maximum Wire Gauge:            | #4 AWG   | #2 AWG                                       | #8 AWG                                   | #8 AWG                                   |
| Bluetooth® Compatible          | YES  | YES  | YES                                      | NO                                       |
| Warranty                       | 5 years  |  |  |  |
| Protection                     | Battery Reverse Polarity, Solar Array Reverse Polarity, Over temperature, Over Current |  |  |  |

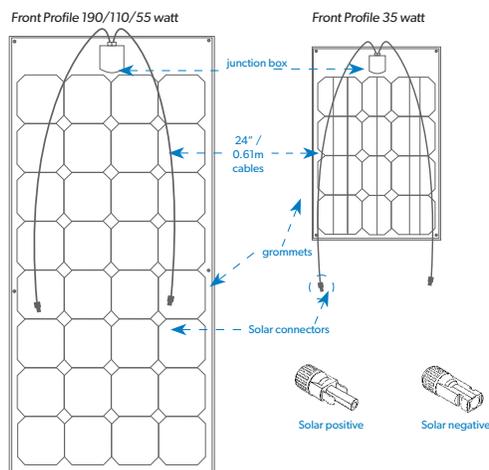
### OPTIONAL CABLE ENTRY PLATE

Use our Cable Entry Plate with a Go Power! Solar Kit to run your wire where you want and reduce exposed cables on the roof.

- ↗ Built for easy expansion
- ↗ Cuts installation time
- ↗ Protects cable connections
- ↗ Clean and tidy wire configuration
- ↗ Eliminates possibility of leaks
- ↗ Connects with industry standard Solar cables (included in Go Power! kits)
- ↗ 5 year warranty



GP-CEP



Specifications are subject to change.



P: +1 866 247 6527  
E: sales@gopowersolar.com  
W: gopowersolar.com

201 - 710 Redbrick St,  
Victoria, British Columbia,  
Canada, V8T 5J3