



# SOLAR FLEX™

Flexible has never been so powerful.

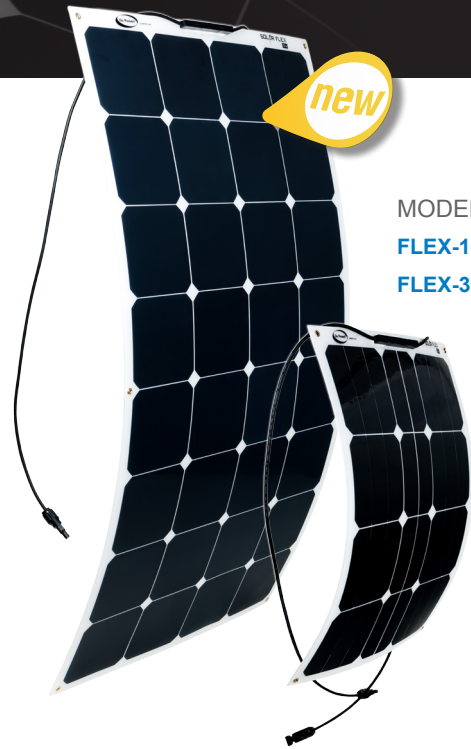
## This is our most efficient and FLAT solar panel.

Go Power! Solar Flex™ solar panels are designed to provide a powerful charging solution for batteries. Unlike other 'thin' products, Solar Flex™ uses high-efficiency monocrystalline cells that produce more power per square foot than any other flat panel on the market.

An impermeable lamination coats the entire module, allowing it to flex against curved areas and eliminating any need for a bulky frame. The flat, lightweight module is less than 1/8 inch thick will provide an extremely durable, walkable surface. The panel can be affixed by adhesive or screw mounting options and quick-connect MC4 cables are an added bonus for ease-of-installation.

The Go Power! Solar Flex™ panels are aerodynamic and DURABLE - a virtually unbreakable solar battery charger for utility vans, work and long-haul trucks.

All Solar Flex™ modules can be converted into customized and expandable systems. The full package includes mounting hardware, quick-connect MC4 cables, a PWM digital Solar Controller and an AC power inverter.



MODELS  
**FLEX-100** (100 watts)  
**FLEX-30** (30 watts)

SPECIFICATIONS	100 watt	30 watt
Cell type	Monocrystalline	Monocrystalline
Rated power (Pm)	100W	30W
Maximum power voltage (Vmp)	17.8V	17.6V
Maximum power current (Imp)	5.62A	1.70A
Open circuit voltage (Voc)	20.8V	21.2V
Short circuit current (Isc)	6.01A	1.83A
Voltage coefficient	-60.8mV / °C	-60.8mV / °C
Power coefficient	-0.38% / °C	-0.38% / °C
Current coefficient	-2.2mA / °C	-2.2mA / °C
Module efficiency	19.9%	19.6%
Maximum system voltage	600VDC	600VDC
Series fuse rating	10A	10A
Weight	2.9 lb (1.35 kg)	1.1 lb (0.49 kg)
Dimensions	41.7 x 21.3 x 0.1 in 1060 x 540 x 3 mm	21.1 x 15.25 x 0.1 in 537 x 388 x 3 mm
Frame type / material	Laminated TPT backsheet, includes aluminum grommets	
Max power tolerance	+/- 5%	+/- 5%



- High-efficiency, back-contact solar cells
- Penetrating or adhesive mounting options
- Curves up to 30 degrees
- Durable and walkable surface is less than 1/8" / 3mm thick
- Quick-connect cables (MC4) work in series or in parallel
- Marine grade material
- 82% lighter than other solar modules



Power Specifications calculated at STC:

- Irradiance: 1000 W/m<sup>2</sup>
- Cell Temperature: 77 °F (25 °C)
- Air Mass: 1.5

Specifications are subject to change