

FLEX-190 SOLAR MODULE

CATEGORY:

FLEX SOLAR PANELS

MODEL TYPE:

FLEX-190

IDEAL FOR:

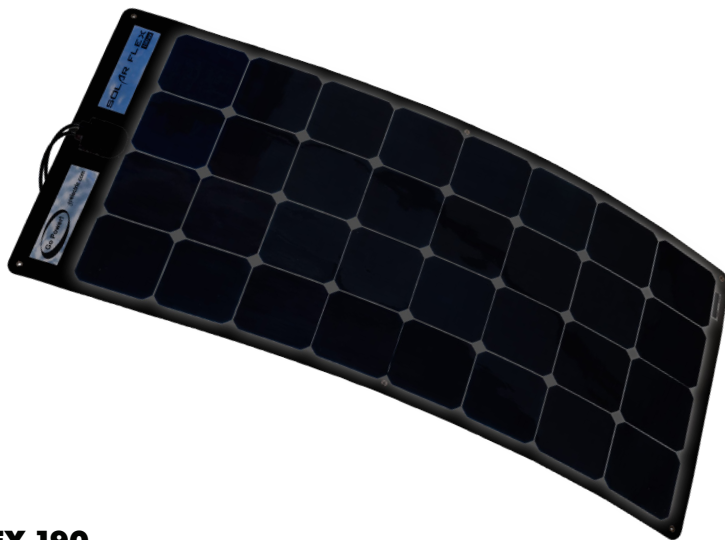
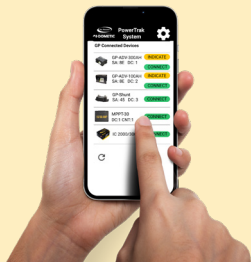


**5 YEAR
WARRANTY**

SYSTEM CONTROL AT YOUR FINGERTIPS

Unlock the full potential of your RV's power system with the Go Power! Connect app!

Get real-time insights into your solar charging stats, battery levels, and power consumption on your mobile device. Monitor performance, and set inverter and charging parameters. Available on the iOS and Android app store.



FLEX-190

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 and provides an extremely durable surface. The panel can be affixed by adhesive or screw mounting options and quick-connect solar connectors (SC) cables are an added bonus for ease-of-installation.

KEY FEATURES



HIGH-EFFICIENCY, BACK-CONTACT SOLAR CELLS



PENETRATING OR ADHESIVE MOUNTING OPTIONS



CURVES UP TO 30 DEGREES



UP TO 82% LIGHTER THAN OTHER SOLAR MODULES



INDUSTRY STANDARD QUICK-CONNECT CABLES



WIRE IN SERIES OR PARALLEL



MARINE GRADE MATERIAL

INCLUDED IN:

- ECLIPSE-FLEX-190 KIT
- ECLIPSE-FLEX-190E KIT



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SPECIFICATIONS

Rated power (Pm)	190W
Maximum power voltage (Vmp)	20.1V
Maximum power current (Imp)	9.89A
Open circuit voltage (Voc)	23.4V
Short circuit current (Isc)	10.72A
Power coefficient	31.3 °F / -0.38% °C
Voltage coefficient	-77.44 °F / -60.8mV °C
Current coefficient	35.9°F / 2.2mA °C
Max power tolerance	+/- 5%
Cell type	Monocrystalline
Solar cell efficiency	21%
Series fuse rating	15A
Maximum system voltage	600VDC
Weight	8.3lb (3.76 kg)
Dimensions	55.98 x 27.20 x 0.1 in 1422 x 691 x 3 mm
Frame type / material	ETFE top layer, laminated TPT backsheet, includes stainless steel grommets

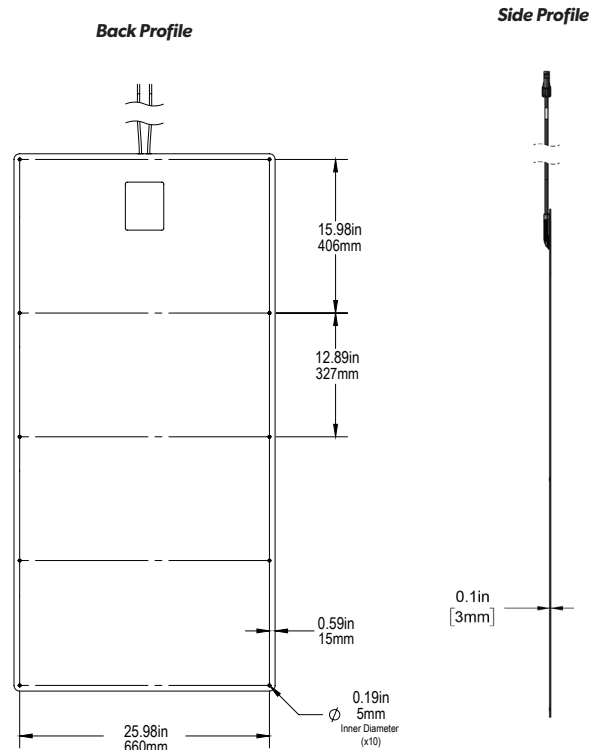
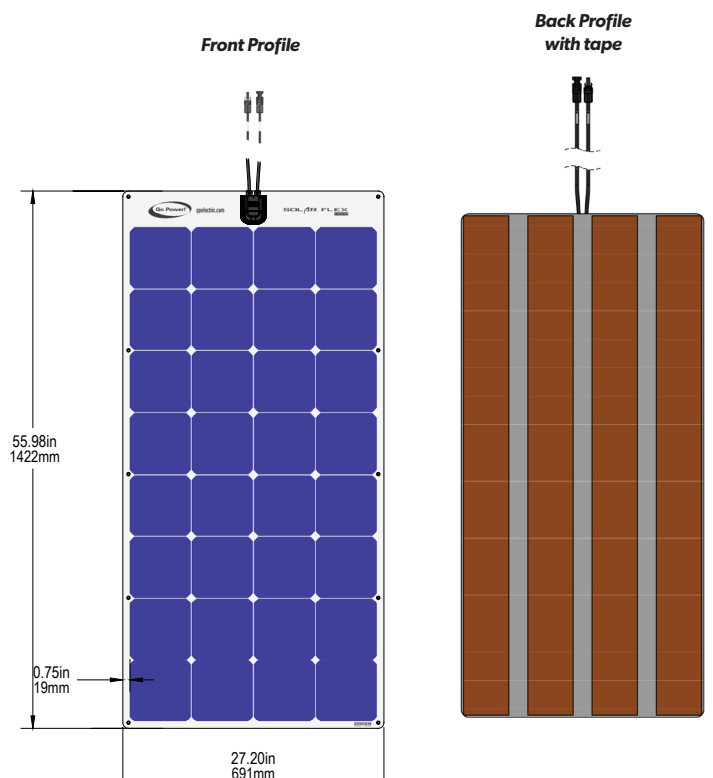
30° max. recommended bend

Power Specifications calculated at STC:

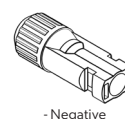
- Irradiance: 1900 W/m²
- Cell Temperature: 77 °F (25 °C)
- Air Mass: 1.5

Specifications subject to local environmental conditions.
Specifications may be subject to change.

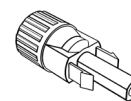
DIMENSIONS



Solar Connectors (SC)



- Negative



+ Positive



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