

GP-FLEX-50E : 50W Flex Expansion Kit by Go Power



Price: CAD \$299.00

SKU: GP-FLEX-50E

Product Categories: [Semi-Flex Crystalline](#), [Boats & Yachts](#), [On The Road](#), [On The Water](#), [Pop Picks For Boats](#), [Pop Picks For Vans & RVs](#), [Roof / Ground / Pole](#), [RV & Van Systems](#), [Shop](#), [Solar Modules](#)

Product Tags: [50e](#), [50w](#), [50W Solar Panel](#), [boat](#), [canada](#), [crystalline](#), [flexible](#), [go power](#), [gp-flex-50](#), [gp-flex-50e](#), [gp-flex-50e canada](#), [mono](#), [monocrystalline](#), [rv](#), [semi-flexible crystalline](#), [solar](#), [solar flex](#), [solarflex](#), [van](#), [yacht](#)

Product Page:

<https://www.modernoutpost.com/product/gp-flex-50e-50w-flex-expansion-kit-by-go-power/>

Product Summary

The Solar Flex 50W Expansion kit (GP-FLEX-50E) provides a complete system starter for any boat, RV, truck, or van. Leading semi-flexible high-efficiency monocrystalline solar modules mean simplified installation, great aesthetics, with a

low-profile solution that fits. This expansion module plugs in parallel to your existing SolarFlex panels using the included connectors.

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A leading choice for boats, yachts, RVs, Sprinter Vans, and truck conversions. Simple to install, simple to maintain, low profile, and high efficiency on par with large rooftop panels. But these panels are different... they adhere directly to the roof surface, and conform to gentle curves up to a 30 degree bend. The panels are only 3 mm thick, making them easy to install. A thin, lightweight design provides a low profile, which is aesthetically pleasing and more aerodynamic than traditional rigid solar modules.

So, leave out the custom racking, clunky large framed modules, and wiring challenges and use Solar Flex to increase your solar-powered independence. An impermeable lamination coats the entire Solar Flex™ module, allowing it to contour and flex against curved surfaces, eliminating any need for custom mounts. The panel can be affixed by adhesive or screws, and grommets are provided for ease of installation.

GP-FLEX-50E Key benefits:

- Avoids custom mounts (100 and 50 watt modules curve up to 30 degrees) -
- Can be affixed with adhesive or screws - Has a durable surface - Measures less than 1/8" (3 mm) thick - Is ideal for lightweight RVs (modules are 82% lighter) -
- 5-year solar module power output warranty

Sealant/adhesive required will depend on roof membrane material and is not included in the Solar Flex kit. Use an appropriate sealant as recommended by your RV dealer or manufacturer.

GP-FLEX-50E Kit Includes:

- 50 watts / 2.88 amps solar charging kit - MC4 parallel branch connectors (pair)

GO-FLEX-50E Specifications...

Cell Type : Monocrystalline

Rated Power (Pm) : 50 W

Maximum Power (Vmp) : 17.5V

Maximum Power Current (Imp) : 2.88A

Open Circuit Voltage (Voc) : 19.0V

Short Circuit Current (Isc) : 3.04A

Maximum System Voltage : 600VDC

Weight : 1.6 lbs (0.72 kg)

Dimensions : 44.9 x 11.3 x 0.1 in (1070 x 286 x 3 mm)

[Download the 50W Solar Flex Solar Module Spec Sheet](#)] [Download the 10A Digital Controller Spec Sheet](#)] [Download the GP-FLEX-50 Kit User Manual](#)] [Download the Solar Flex Series Brochure](#)]

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 10 kg