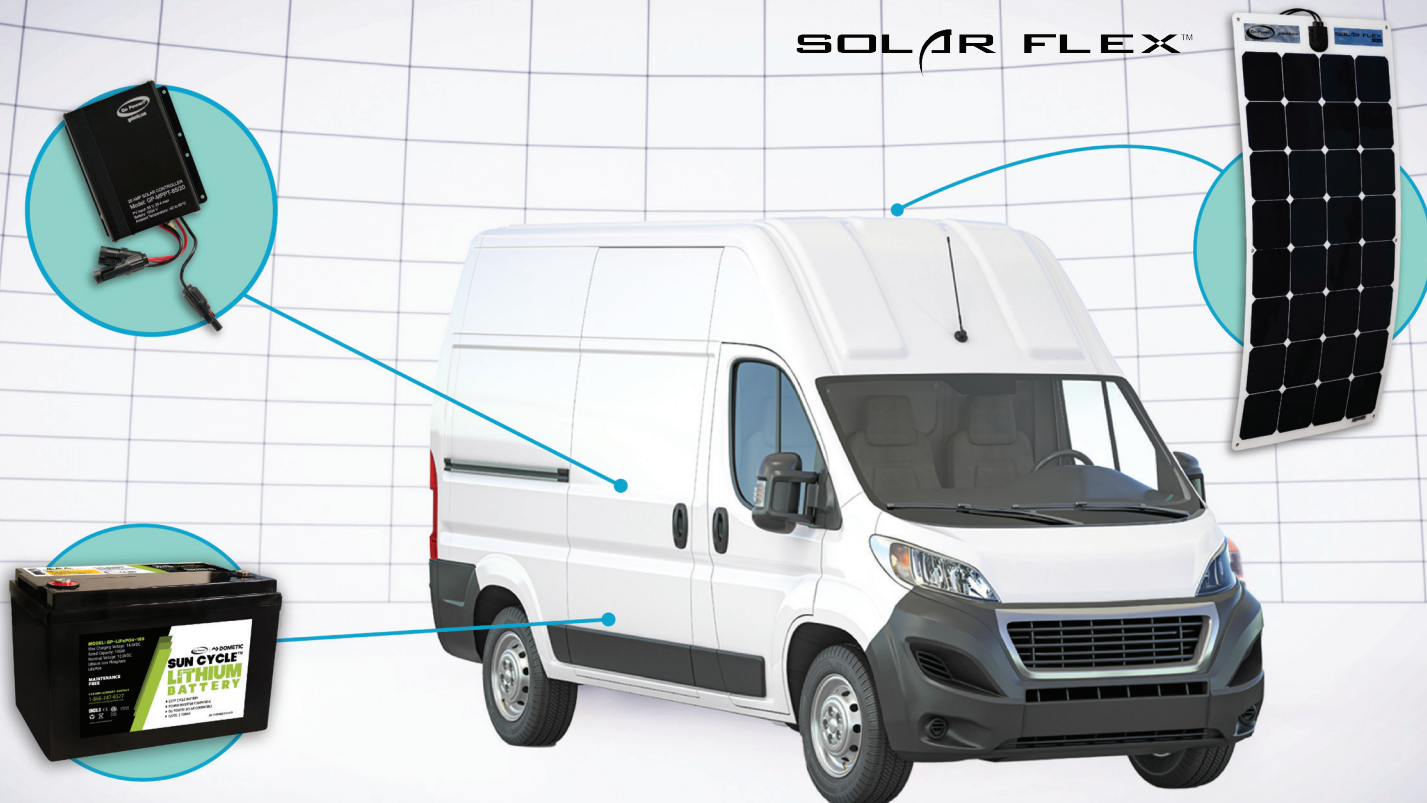


# Stay on schedule with SOLAR

**SOLAR FLEX™**



Keep your deliveries running smoothly, without idling. The latest charging solution from solar industry leader Go Power! pairs low-

profile, Solar Flex panels with lithium battery technology to save time and reduce fuel costs by making deliveries more efficient.



## Extend Battery Life

Topping up batteries with solar extends battery life from months to years, tripling their lifespan.



## Reduce Fuel Consumption

Save \$25-40 per day in fuel costs and eliminate idling from your daily routine.



## Stay on Time

Stay on schedule. Eliminate costly downtime caused by dead batteries by keeping them topped up while driving or parked.

### GO POWER! SOLAR FLEX™ KITS

The thin, lightweight and flexible module contours to a truck cab, trailer body or truck box, with adhesive or screw mounting options. High efficient, marine-grade solar cells will charge your batteries for years.

An independent and self-contained solar/battery system in a work vehicle can power equipment and ensure your entire fleet will start every time you turn the key.

### MPPT SOLAR CONTROLLER

Ensures maximum performance and yield from all types of PV systems year-round and in any environment.

### CHARGING POWER

Directly charge or run power tools or sensitive electronics.

**SOLAR FLEX™ 110 WATT PANEL**

Cell type	Monocrystalline
Rated power (Pm)	110W
Maximum power voltage (Vmp)	17.78V
Maximum power current (Imp)	6.31A
Open circuit voltage (Voc)	22.8V
Short circuit current (Isc)	6.60A
Voltage coefficient	-60.8mV / °C
Power coefficient	-0.38% / °C
Current coefficient	2.2mA / °C
Module efficiency	19.9%
Maximum system voltage	600VDC
Series fuse rating	10A
Weight	2.9 lb (1.35 kg)
Dimensions (inches)	44.9 x 21.4 x 0.1in
Frame type / material	Laminated TPT backsheet, includes stainless steel grommets
Max power tolerance	+/- 5%

30° max. recommended bend


**LITHIUM 100AH BATTERY**

Technology	Lithium Iron Phosphate
Nominal Voltage	12.8 V
Nominal Capacity	100 Ah
Nominal Operating Temperature	77 ± 5 °F (25 ± 3 °C)
Maximum Charge Voltage	14.6 VAC
Maximum Discharge Current	100A (continuous); 120A (30 minutes); 150A (5 seconds)
Dimensions (inches)	12.9 x 7 x 9.2
Weight (lbs)	36
Warranty	10 years

**GP-MPPT-85/20 SOLAR CONTROLLER SPECIFICATIONS**

Nominal System Voltage	12/24V
Max Solar Array Current	20A
Battery Voltage Range	12V System: 9 - 15.5 24V System: 18 - 31
Max. Solar Panel Input Voltage	85V
Operating Consumption	<10 mA
Temp. Compensation	12V System: -13mV/°F (-25mV/°C) 24V System: -27mV/°F (-50mV/°C)
Operating Temperature	- 40 to 140°F (-40 to 60°C)
Humidity	99% N.C.
Dimensions (H x W x D):	3.5 x 4.4 x 1.6 in (88.5 x 112 x 41.4 mm)
Weight	1.38lbs (160 grams)
Maximum Wire Gauge:	#8 AWG
Warranty	5 year
Protection	IP68
Safety Features	Battery Reverse Polarity, Solar Array Reverse Polarity, Over Temperature, PV Short Circuit, Battery Short Circuit, Over Current