



Offgridtec Semi Flexible Solar panel

120W 3-01-001590



Key Features

-  Semi flexible angle up to 30°
-  Patented Back Contact Cell SUNPOWER
-  Light weight only 1/5 of glass panel
-  World' s Highest Cell Efficiency over 20.4%
-  Waterproof, anti-corrosion design for Marine, Boat, Golf car, Yatch, RV, Caravan etc

PRODUCT & ADVANTAGE

Offgridtec semi flexible solar panel is powered by top brand solar cell SUNPOWER, with highest efficiency solar cell, it's industry leading product coverage for all our modules to ensure our customers achieve superior long-term value from their solar installation. In addition to a 2-year warranty, which covers unanticipated module damage, Offgridtec implements a 5-year performance guarantee known as Reinforced Module Warranty.

Offgridtec flexible series is with no glass, A grade SUNPOWER cell insure more power output and long term reliability. Very light weight only 20% compared to traditional glass panel. Most importantly, it's waterproof, anti-corrosion and anti-rust design insure they are more suitable for Marine, Boat, Yatch etc. Our in-house PV testing facilities guarantee all modules or materials meet the highest quality standard.



*The specifications made herein may deviate slightly and are not guaranteed. Due to ongoing innovation, research and product enhancement we reserve the right to make any adjustments to the information contained herein at any time without notice.. Please always obtain the most recent revision of datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

<http://www.offgridtec.com/>
info@offgridtec.com

Landshuterstraße 141 - 143
84307 Eggenfelden
Germany
Telephone: +49(0)8721/9829740

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High efficiency semi flexible solar panel

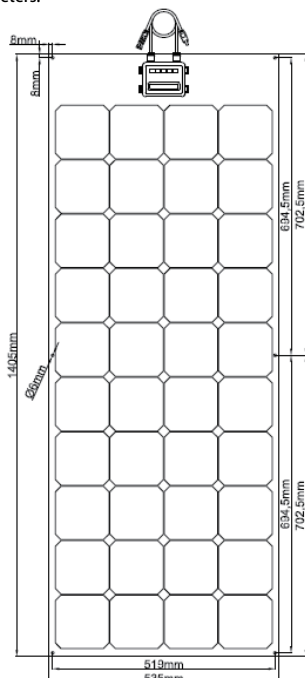
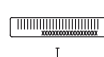
Electrical Characteristics

Product code	3-01-001590
Maximum power(Pmax)	120Wp
Voltage at Pmax(Vmp)	22V
Current at Pmax(Imp)	5.45A
Open-circuit voltage(Voc)	26V
Short -circuit current(Isc)	5.89A
Temperature coefficient of Voc	-0.45%/°C
Temperature coefficient of Isc	-0.45%/°C
Temperature coefficient of power	-0.45%/°C
NOCT	45+/-2°C
Operating temperature	-40°C to + 85°C
Maximum system voltage	1000 VDC
Power tolerance	-3% to + 3%

*Measured at STC Conditions: Irradiance: 1,000W/m² - AM1.5 Spectrum - Temperature: 2.5°C
Electrical parameters may vary by -5% to +5%

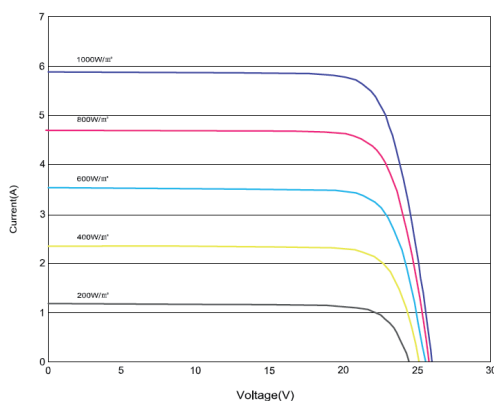
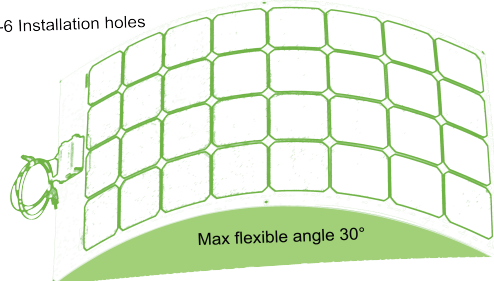
Module Diagram

Dimensions are in millimeters.
Unit: mm



Characteristics

4-6 Installation holes



Specifications

Cells type/Array	125x125(4x10)
Junction box	Water proof IP65, 1000VDC
Module dimension(mm)	1366 X 560 X 3
Net Weight/Gross Weight(kg)	2.7/3
Number of Bypass Diodes & Type	2pcs, Bypass Diodes
Packing information	1pcs/ctn

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