



Offgridtec Ultra Series Solar panel

OSP-140W 3-01-001525



Key Features

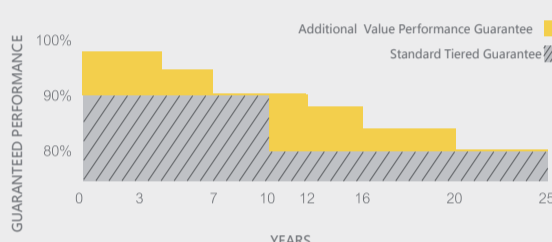
-  Patented Back Contact Cell Technology
-  High Quality Bill of Materials
-  Delivers 9% more energy per rated watt
-  World's Highest Cell Efficiency over 20.4%
-  Universal Design (residential, commercial, RV, camping and all other off grid application)

PRODUCT & ADVANTAGE

Offgridtec Ultra Series 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 5-year warranty, which covers unanticipated module damage, Offgridtec implements a 25-year performance guarantee known as Reinforced Module Warranty.

Offgridtec's solar modules are with low iron tempered glass, A grade SUNPOWER cell insure more power output and long term reliability. Our meticulous design and stringent quality control ensure our modules deliver a higher PV energy yield in PV system as well. Our in-house PV testing facilities guarantee all modules or materials meet the highest quality standard.

Product Warranty for 5 years Performance guarantee for 25 years



*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.

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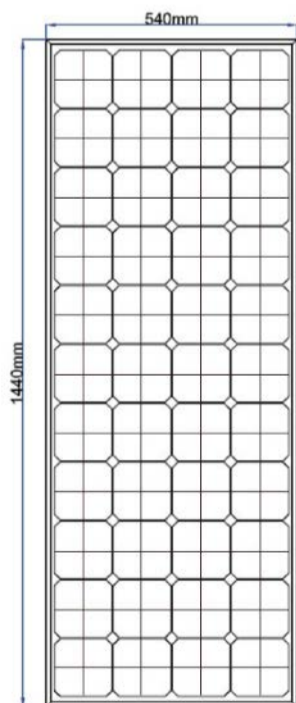
High Efficiency Monocrystalline solar panel

Electrical Characteristics

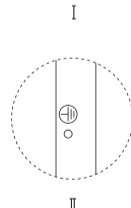
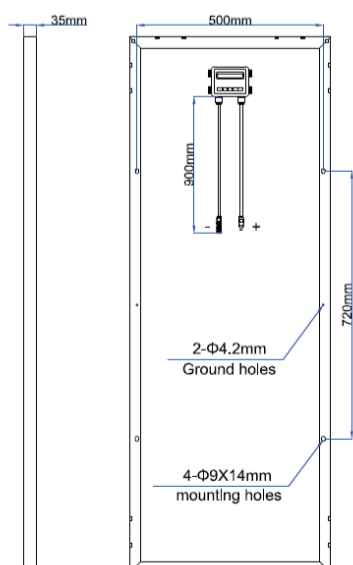
Product code	3-01-001525
Maximum power(Pmax)	140Wp
Voltage at Pmax(Vmp)	24V
Current at Pmax(Imp)	5.83A
Open-circuit voltage(Voc)	28.8V
Short -circuit current(Isc)	6.29A
Temperature coefficient of Voc	-0.45%/°C
Temperature coefficient of Isc	-0.45%/°C
Temperature coefficient of power	-0.45%/°C
NOCT	45+/-2°C
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: 25°C
Electrical parameters may vary by -5% to +5%

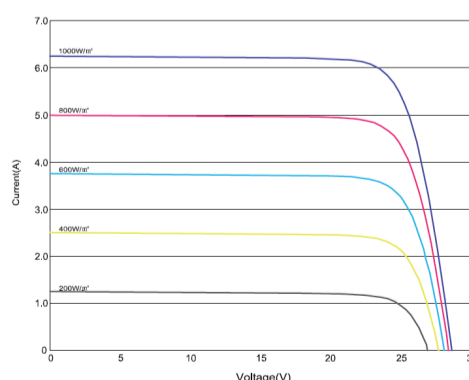
Module Diagram



Dimensions in brackets are in millimeters.
Unit: mm



Characteristics



Specifications

Cells type/Array	125x125(4x11)
Junction box	Water proof IP67, 1000VDC
Module dimension(mm)	540X1565X40
Net Weight/Gross Weight(kg)	12/13
Number of Bypass Diodes & Type	2pcs, Bypass Diodes
Packing information	1pcs/ctn

Merkmale der Offgridtec® Ultra Serie

- patentierte Back-Contact-Cell-Technologie
- hergestellt aus hochwertigen Materialien
- 5% mehr Leistung gegenüber herkömmlichen Modulen
- sehr hoher Zellwirkungsgrad von über 20,4%
- universelles Design für private und kommerzielle Nutzung



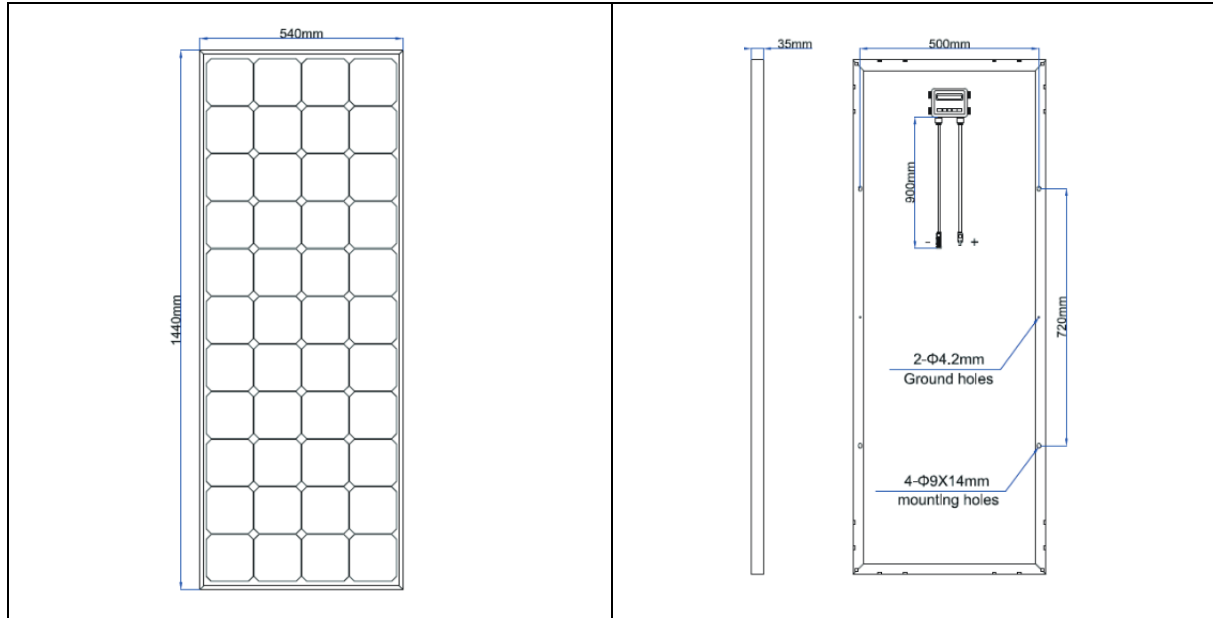
Produktdaten

Artikelnummer	3-01-001525
EAN	4250983241259
Hersteller Teilenummer	001525
Systemspannung	12V DC
Leistung (Pmax)	140W
Generatorleistung (Wp)	140W
Modulspannung (Vmp)	22,0V
Max. Strom (Imp)	6,36A
Leerlaufspannung (Voc)	26,4V
Kurzschlussstrom (Isc)	6,97A
Max. Systemspannung (V)	1000V DC
Zelltyp	monokristallin
Umgebungstemperatur	-40°C - +80°C
Abmessungen (LxBxH)	1440 x 540 x 35mm
Gewicht	12,0 kg

Spezifikationen

Zellengröße	125x125mm
Zellenanordnung	4 x 11
Anschlussbox	wasserdicht IP67, 1000V DC
Abmessungen	1440 x 540 x 35mm
Gewicht	12,0 kg
Bypass Dioden	2 Stück

Aufbau



Leistungsdiagramm

