

PV Solar Panel 260W



Product Code: FSP260CS
Barcode: 6002844066185



PV Solar Panel

Provides DC power when exposed to direct sunlight. Monocrystalline photovoltaic solar panels are more efficient commercially viable photovoltaic solar collectors as each module is made from single silicon crystal.

10
year warranty

product warranty
on materials and
workmanship

25
year warranty

linear power
output warranty

Product Certificates*

IEC 61215 / IEC 61730: VDE / CE / MCS / JET / SII /
CEC AU / INMETRO / CQC
UL 1703 / IEC 61215 performance: CEC listed (US) /
FSEC (US Florida)
UL 1703: CSA / IEC 61701 ED2: VDE / IEC 62716: VDE /
IEC 60068-2-68: SGS
Take-e-way / UNI 9177 Reaction to Fire: Class 1

- Excellent module efficiency of up to 16.79 %.
- Outstanding low irradiance performance: 96.5 %.
- Positive power tolerance of up to 5W.
- High PTC rating of up to 92.0 %
- IP67 junction box for long-term weather endurance
- Positive power tolerance of up to 5W
- Heavy snow load up to 5400 Pa, wind load up to 2400 Pa
- Salt mist, ammonia and blown sand resistance, for seaside, farm and desert environments*

THE PACKAGE CONTAINS



1 x 260W Solar Panel

CanadianSolar

TECHNICAL INFORMATION

Specifications

ELECTRICAL DATA STC*	
Nominal Max. Power (Pmax)	260 W
Opt. Operating Voltage (Vmp)	30.4 V
Opt. Operating Current (Imp)	8.56 A
Open Circuit Voltage (Voc)	37.5 V
Short Circuit Current (Isc)	9.12 A
Module Efficiency	16.16 %
Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1000 V (IEC) or 1000 V (UL)
Module Fire Performance	TYPE 1 (UL 1703) or CLASS C (IEC 61730)
Max. Series Fuse Rating	15 A
Application Classification	Class A
Power Tolerance	0 ~ + 5 W

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM, 1.5 and cell temperature of 25°C.

ELECTRICAL DATA NOCT*	
Nominal Max. Power (Pmax)	189 W
Opt. Operating Voltage (Vmp)	27.7 V
Opt. Operating Current (Imp)	6.80 A
Open Circuit Voltage (Voc)	34.5 V
Short Circuit Current (Isc)	7.39 A

* Under Nominal Operating Cell Temperature (NOCT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

MECHANICAL DATA	
Cell Type	Poly-crystalline, 6 inch
Cell Arrangement	60 (6x10)
Front Cover	3.2 mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67, 3 diodes
Cable	4mm ² (IEC) or 4mm ² & 12 AWG 1000 V (UL), 1000 mm (39.4 in) (650 mm (25.6 in) is optional)
Connectors	Friends PV2a (IEC), Friends PV2b (IEC / UL)
Standard	26 pieces, 515 kg (1135.4 lbs)
Packaging	(quantity & weight per pallet)
Module Pieces per Container	728 pieces (40' HQ)

PERFORMANCE AT LOW IRRADIANCE

Industry leading performance at low irradiance, average relative efficiency of 96.5 % from an irradiance of 1000 W/m² to 200 W/m² (AM 1.5, 25°C).

PACKAGE DIMENSIONS



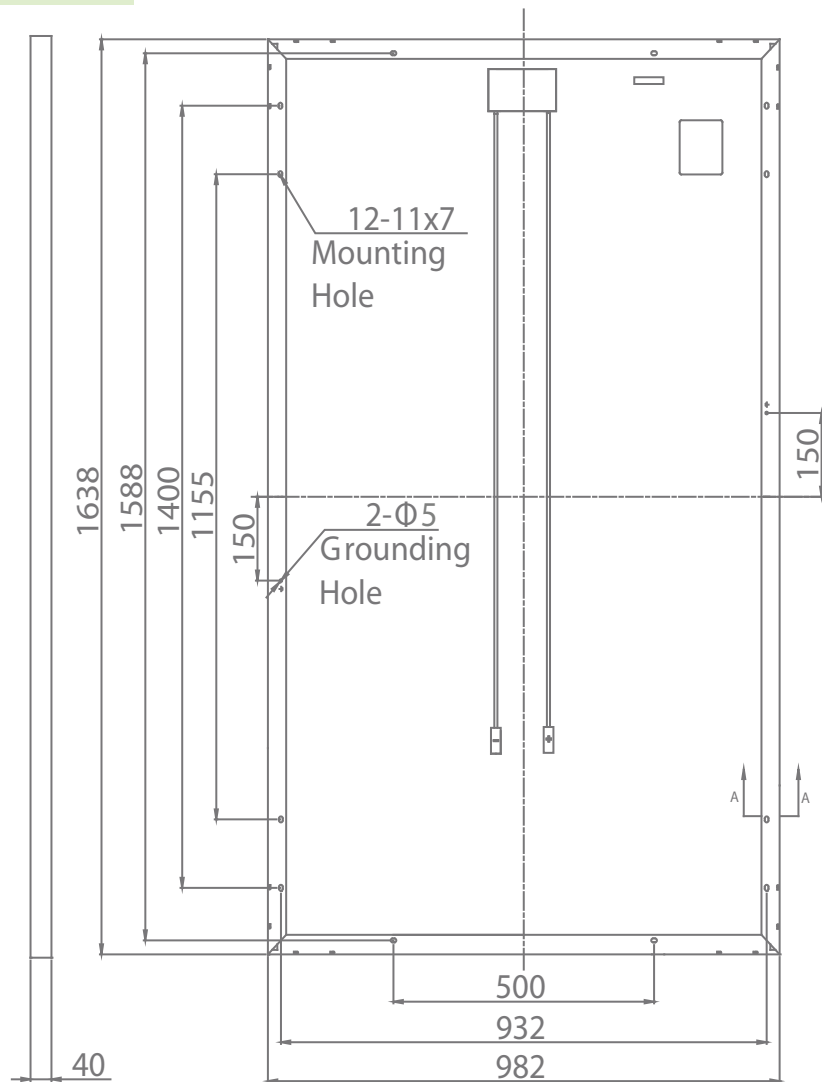
Height (mm)	Length (mm)	Width (mm)	Weight (kg)
1638	40	982	18



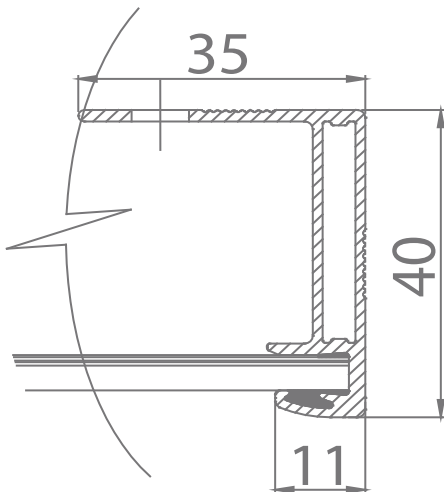
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Rear View



Frame Cross Section A-A



Mounting Hole

