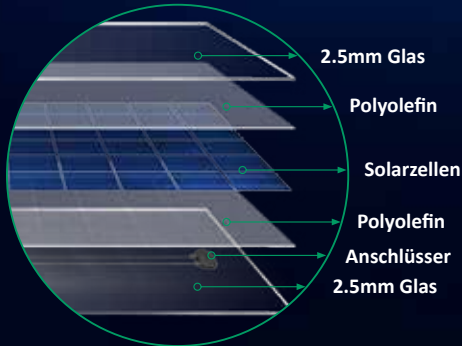


POLY

**HIGH PERFORMANCE
DUAL-GLASS MODULE
255W-265W**



MECHANICAL CHARACTERISTICS

Solar Cells	Polycrystal Si 156mm square, 6 x 10 pieces in series
Dimension	Length: 1685mm (66.3 inch)
	Width: 997mm (39.3 inch)
	Height: 25 mm (1.0 inch)
Weight	23Kg (50.7lbs)
Glass	2.5mm/2.5mm heat-strengthened glass(front/back)
Cable	4mm ² (IEC) /12AWG(UL),1000mm
Junction Box	IP 67 rated

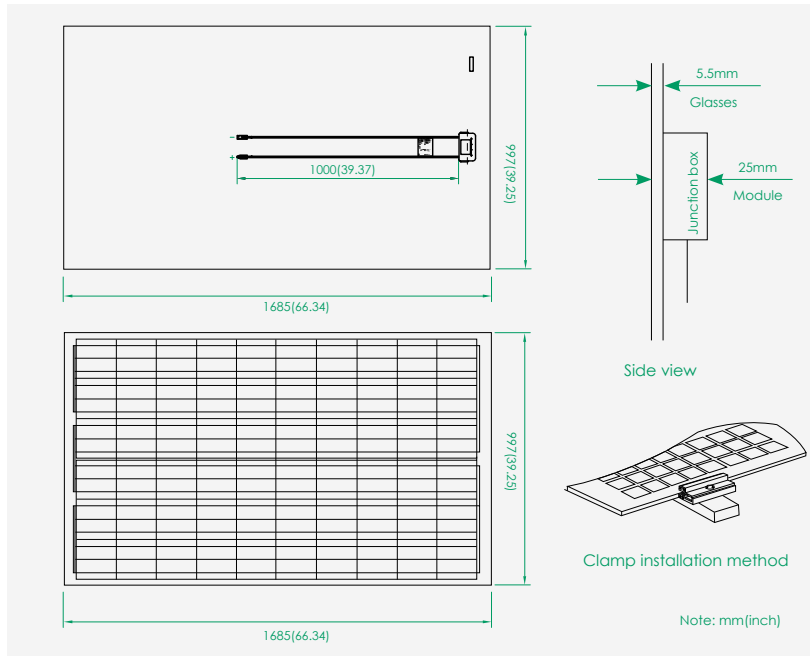
ABSOLUTE MAXIMUM RATING

Parameter	Values
Operating Temperature	From -40 to +85 °C
Hail Diameter @ 80Km/h	Up to 25mm
Surface Maximum Load Capacity	Up to 5400Pa
Maximum Series Fuse Rating	15A
Maximum System Voltage	1000V /1500V DC (alternative)
IEC Application Class(IEC61730)	A
Fire Rating(IEC61730)	A

ELECTRICAL TYPICAL VALUES^{[3],[4]}

Model	Rated Power (P _{mpp})	Rated Current (I _{mpp})	Rated Voltage (V _{mpp})	Short Circuit Current (I _{sc})	Open Circuit Voltage (V _{oc})	Module Efficiency (%)
PS255PG-20/U	255W	8.42A	30.4V	8.80A	37.9V	15.18
PS260PG-20/U	260W	8.54A	30.6V	8.90A	38.0V	15.48
PS265PG-20/U	265W	8.61A	30.8V	9.00A	38.1V	15.77

DIMENSIONS



TEMPERATURE CHARACTERISTICS

NOCT (Nominal Operation Cell Temperature)	45°C ± 2°C
Voltage Temperature Coefficient	-0.33%/°C
Current Temperature Coefficient	+0.06%/°C
Power Temperature Coefficient	-0.45%/°C

WEAK LIGHT PERFORMANCE

Intensity [W/m ²]	I _{mpp}	V _{mpp}
1000	1.0	1.000
800	0.8	0.996
600	0.6	0.990
400	0.4	0.983
200	0.2	0.952

PACKING CONFIGURATION

Container	40' HQ	20' HQ
Pieces per container	780	180

ABOUT PHONO SOLAR

Phono Solar Technology Co., Ltd. is one of the world's leading renewable energy product manufacturers and a well trusted brand provider. The Phono Solar brand has become synonymous with high performing, top quality photovoltaic panels that are ideal for use in large scale power plants, commercial and residential installations.

Note: This datasheet is not legally binding. Phono Solar reserves the right to make specifications changes without notice. Further information can be found on our website: www.phonosolar.com

[1] Modules were exposed to -1000V relative to ground at 85 degree Celsius /85% relative humidity for 48 hours, and the maximum power degradation of modules after the test is not exceed 5%. (PI Berlin PID test class A standard.)

[2] IN PV CYCLE MEMBER COUNTRIES ONLY, SEE: WWW.PVCYCLE.COM

[3] Defined as standard deviation of thousands measurements. Absolute power values depend on the measuring system. They can differ by +/-5% from one measuring system to another.

[4] Measurement conditions under irradiance level of Standard Test Conditions(STC): 1000W/m², Air mass 1.5 Spectrum, cell temperature of 25°C.

PARTNER INFORMATION

