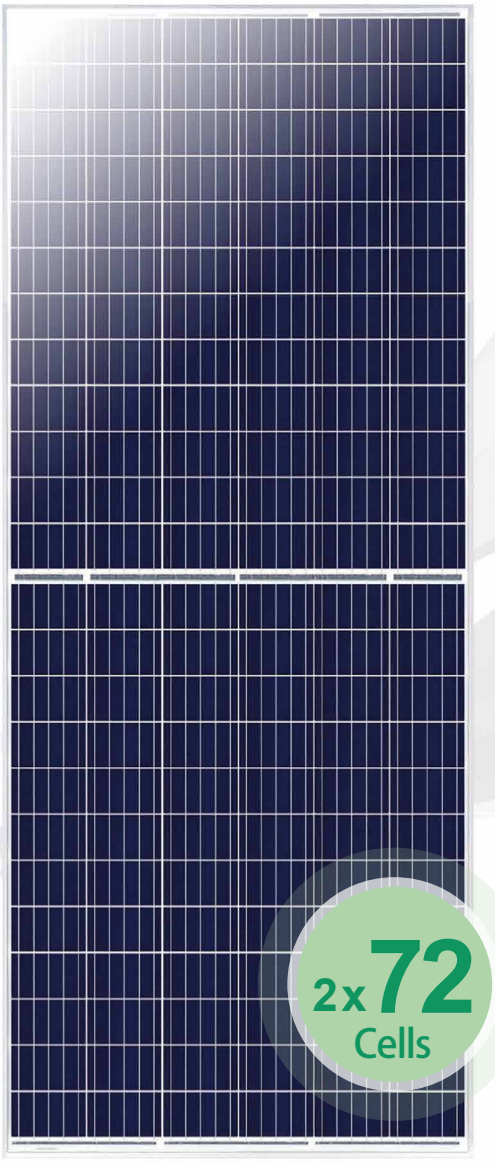
Phono® Solar

TwinPlus Module

Poly/325-340W

Bloomberg NEW ENERGY FINANCE Tier1

2019 TOP PERFORMER PVEL DNV·GL PV MODULE RELIABILITY SCORECARD



PID Resistant

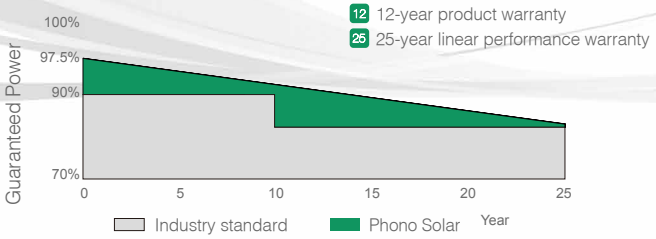
Better Shading Tolerance

More Reliable

Lower hot spot temperature

More Power

Low power loss in cell connection
Low temperature coefficient (Pmax): -0.39% / °C
Low NOCT: 43±2°C



EN EN-20200206

SINOMACH SUMEC
SUMEC GROUP CORPORATION

ELECTRICAL TYPICAL VALUES

Model	PS325P-24/TH PS325PH-24/TH	PS330P-24/TH PS330PH-24/TH	PS335P-24/TH PS335PH-24/TH	PS340P-24/TH PS340PH-24/TH
Type	Polycrystalline 156.75mm x 156.75mm			
Rated Power (Pmpp)	325W	330W	335W	340W
Tolerance	0~+5w			
Rated Current (Impp)	8.59	8.66	8.73	8.79
Rated Voltage (Vmpp)	37.84	38.11	38.38	38.69
Short Circuit Current (Isc)	8.99	9.06	9.12	9.19
Open Circuit Voltage (Voc)	45.09	45.46	45.82	46.19
Module Efficency (%)	16.38	16.63	16.89	17.14
NOCT (Nominal Operation Cell Temperature)	43±2℃			
Voltage Temperature Coefficient	-0.31%/℃			
Current Temperature Coefficient	+0.05%/℃			
Power Temperature Coefficient	-0.39%/℃			

MECHANICAL CHARACTERISTICS

Dimension (L× W × H)	Length: 2000mm (78.75 inch) Width: 992mm (39.06 inch) Height: 40mm (1.57 inch)
Weight	22.6kg (49.8 lbs)
Front Glass	3.2mm Toughened Glass
Frame	Anodized Aluminium Alloy
Cable	4mm² (IEC) , Length:350mm (vertical) 1250mm (horizontal) or Customized Length
Junction Box	IP 68 Rated

ABSOLUTE MAXIMUM RATING

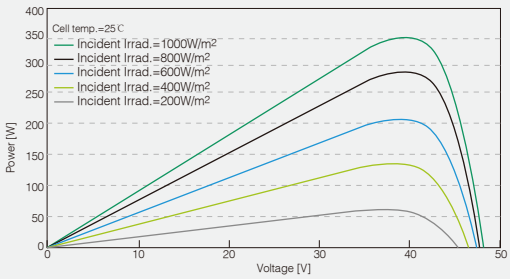
Parameter	Values
Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Surface Maximum Load Capacity	Up to 5400Pa
Maximum Series Fuse Rating	20A
PV Module Classification	Ⅱ
Fire Rating (IEC61730)	C
Module Fire Performance (UL 1703)	Type1
Maximum System Voltage	DC 1000V/1500V

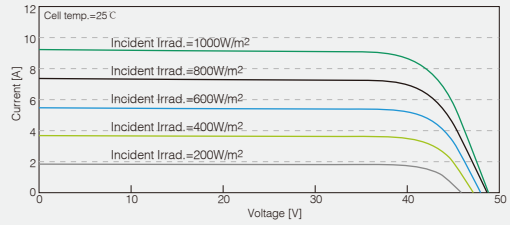
PACKING CONFIGURATION

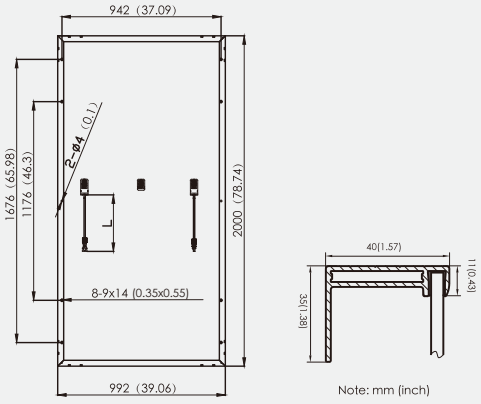
Container	20' GP	40' HQ
Pieces/Container	230	616

1. In compliance with our warranty terms and conditions.
2. Measurement conditions under irradiance level of Standard Test Conditions(STC): 1000W/m²
Air mass 1.5 spectrum, cell temperature of 25°C.

ELECTRICAL CHARACTERISTICS







Note: This datasheet is not legally binding. Phono Solar Technology Co., Ltd. reserves the right to adjust specifications without notice. Further information please refer to our ***Website:www.phonosolar.com, E-mail:info@phonosolar.com***

Phono® Solar