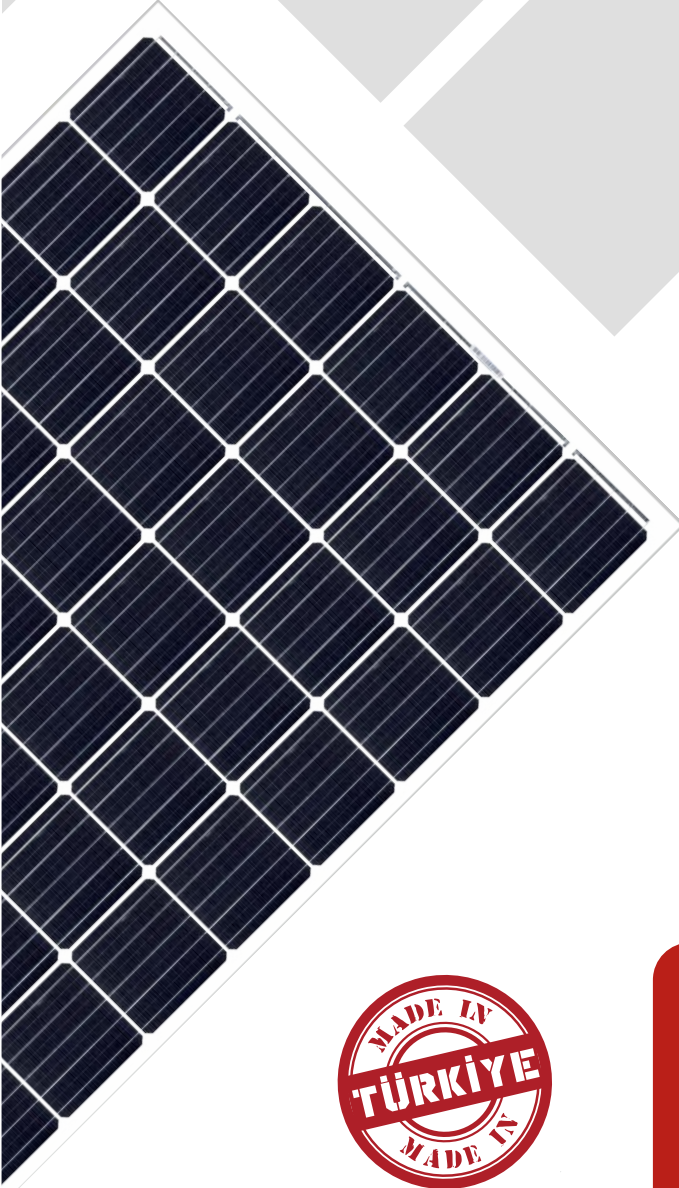


Bifacial Module 355-375W



PID Anti PID



1500V Maximum System Voltage (optional)



Fire resistance test



IP68 IP68 connectors enhance the reliability of the PV system



Certified to withstand increased loads of up to 5400Pa



30 YIL 12-year product warranty
30-year linear performance warranty

Bloomberg Tier1
NEW ENERGY FINANCE

TOP PERFORMER*

Features



Higher Reliability

Using tempered glass as backsheet, which brings higher reliability and better anti-corrosiveness to the module



Much Safer

Fireproof glass backsheet make module much safer

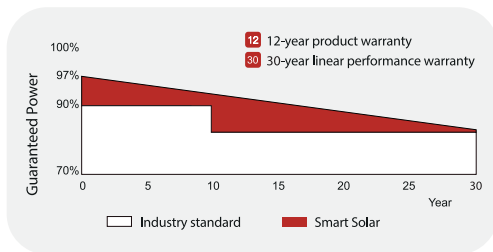


Industrial Aesthetics

Available for residential, commercial & utility sites



30-Year Performance Warranty



Mono PERC

About Smart Energy

Smart Energy produces new generation PERC, Black Silicon, Dual Glass, Bifacial, MBB and Half-Cut Cell modules with both backsheet and glass-glass options on its state-of-the-art technology production lines in its factory located in Gebze Organized Industrial Zone with a covered area of 23.500 m2.

* These criteria are applied only to Panels manufactured with Phono Solar brandname.

Bifacial Module

ELECTRICAL TYPICAL VALUES

Model	PS355MGFH-24/T	PS360MGFH-24/T	PS365MGFH-24/T	PS370MGFH-24/T	PS375MGFH-24/T
Type	Monocrystalline 6 inch x 3 inch square				
Rated Power (Pmpp)	355	360	365	370	375
Tolerance	0~+5w				
Rated Current (Imp)	8.93	9.01	9.07	9.13	9.21
Rated Voltage (Vmpp)	39.76	39.96	40.25	40.53	40.75
Short Circuit Current (Isc)	9.60	9.67	9.74	9.80	9.85
Open Circuit Voltage (Voc)	47.66	47.84	48.15	48.44	48.68
Module Efficiency (%)	18.00	18.30	18.50	18.80	19.00
NOCT (Nominal Operation Cell Temperature)	45°C ± 2°C				
Voltage Temperature Coefficient	-0.30%/°C				
Current Temperature Coefficient	+0.06%/°C				
Power Temperature Coefficient	-0.38%/°C				

ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN (REFERENCE TO 370W FRONT)

Backside Power Gain	5%	10%	15%	20%	25%
Rated Max Power(Pmax) [W]	389	407	426	444	463
Open Circuit Voltage(Voc) [V]	48.40	48.40	48.40	48.50	48.50
Max Power Voltage(Vmp) [V]	40.53	40.53	40.53	40.63	40.63
Short Circuit Current(Isc) [A]	10.29	10.78	11.27	11.76	12.25
Max Power Current(Imp) [A]	9.59	10.04	10.50	10.96	11.41

MECHANICAL CHARACTERISTICS

Dimension (L x W x H)	Length: 1987mm (78.23 inch)
	Width: 992mm (39 inch)
	Height: 6mm (0.23 inch)
Weight	28.3kg (55.56 lbs)
Front/Back Glass	2.5mm tempered glass / 3.2mm glass
Cable	4mm ² (IEC) / Length: 350mm (v) 1250mm (h) or Customized length
Junction Box	IP68 rated

ABSOLUTE MAXIMUM RATING

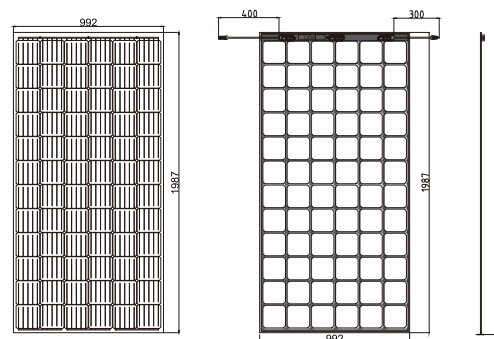
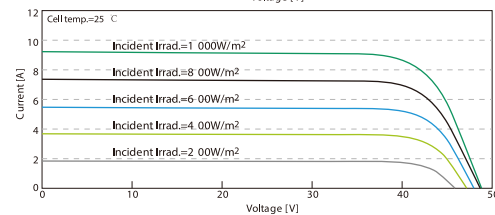
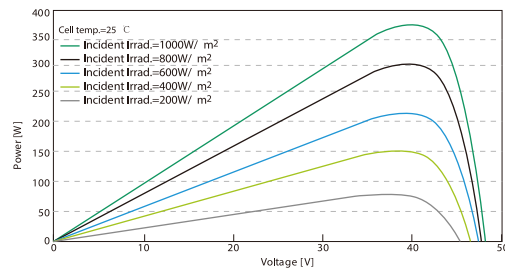
Parameter	Values
Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Maximum Static Load	Front 2400Pa
	Back 2400Pa
Maximum Series Fuse Rating	15A / 20A
IEC Application Class (IEC61730)	A
Fire Rating (IEC61730)	A
Maximum System Voltage	DC 1000V / 1500V (IEC / ELT)
Bifaciality	70% ±5%

PACKING CONFIGURATION

Container	40'HQ	20'GP
Pieces / Container	720	360

- In compliance with our warranty terms and conditions.
- Measurement conditions under irradiance level of Standard Test Conditions(STC): 1000W/m², Air mass 1.5 Spectrum, cell temperature of 25°C.
- Bifaciality = Pmax,back/Pmax,front

ELECTRICAL CHARACTERISTICS



Address:
 Gebze OSB, Tembelova District,
 3200 Street, No: 3207 Gebze/Kocaeli - Turkey
 P : +90 262 673 7100
 F : +90 262 673 7103

Note:
 This datasheet is not legally binding. Smart Solar reserves the right to adjust specifications without notice.
 Further information please refer to our website:
www.smartsolar.com.tr

