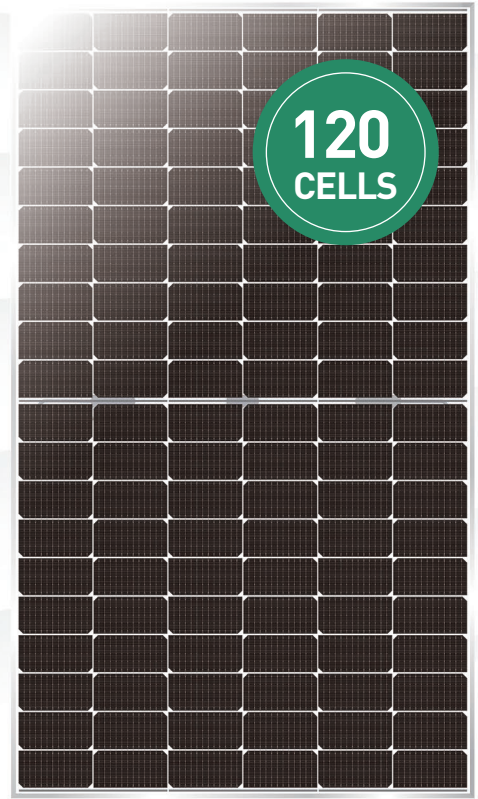


HELIOS MODULE SERIES

N-HJT HIGH EFFICIENCY MONO BM4-12B-G

380-400W



NEXT GENERATION OF MAINSTREAM MODULE EXCELLENT POWER GENERATION PERFORMANCE

- ◆ Up to 85% bifaciality and up to 30% additional power generation
- ◆ Competitive high-temperature performance with ameliorated temperature coefficient (-0.24%/°C)
- ◆ Better weak illumination response of HJT technology leads higher power generation

MORE ENVIRONMENTALLY FRIENDLY

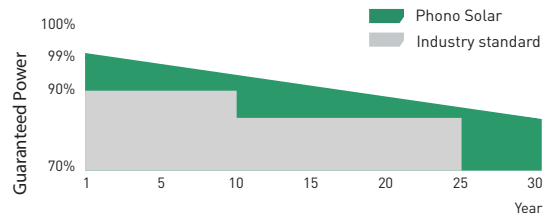
- ◆ Lower carbon emissions

CONSISTENT RELIABILITY

- ◆ Zero Light Induced Degradation
- ◆ Industry-leading cell technology of TCO thin film contributes to excellent anti-PID characteristic

SHORTER PAYBACK TIME

- ◆ Lower BoS cost ensure a better LCOE



15-year Product Warranty | 30-year Linear Performance Warranty

MANAGEMENT SYSTEM CERTIFICATES

IEC 61215, IEC 61730

ISO 9001:2015 / Quality management system

ISO 14001:2015 / Standards for environmental management system

ISO 45001:2018 / International standards for occupational health & safety

Bloomberg Tier¹
NEW ENERGY FINANCE



ELECTRICAL TYPICAL VALUES

Model	PS380M5GFH-20/USH		PS385M5GFH-20/USH		PS390M5GFH-20/USH		PS395M5GFH-20/USH		PS400M5GFH-20/USH	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (Pmpp)	380	289	385	293	390	297	395	301	400	305
Rated Current (Impp)	10.09	8.15	10.17	8.21	10.25	8.28	10.33	8.34	10.41	8.41
Rated Voltage (Vmpp)	37.67	35.52	37.86	35.70	38.05	35.89	38.24	36.06	38.43	36.24
Short Circuit Current (Isc)	10.85	8.76	10.92	8.82	10.99	8.87	11.06	8.93	11.13	8.99
Open Circuit Voltage (Voc)	44.45	42.32	44.70	42.55	44.95	42.79	45.20	43.03	45.45	43.27
Module Efficiency (%)	20.86		21.13		21.41		21.68		21.96	

STC(Standard Testing Conditions):Irradiance 1000W/m², AM 1.5, Cell Temperature25°C

NOCT (Nominal Operation Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/S

BIFACIAL ELECTRICAL VALUES

5%	Maximum Power (W)	395	400	406	411	416
	Module Efficiency (%)	21.69	21.98	22.27	22.55	22.84
15%	Maximum Power (W)	426	341	437	442	448
	Module Efficiency (%)	23.36	23.67	23.98	24.29	24.59
25%	Maximum Power (W)	456	462	468	474	480
	Module Efficiency (%)	25.03	25.36	25.69	26.02	26.35

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 166 x 83mm
Dimension (Lx W x H)	Length: 1755mm (69.09 inch)
	Width: 1038mm (40.87 inch)
	Height: 30mm (1.18 inch)
Weight	22.8kg (50.27 lbs)
Glass	2.0mm/2.0mm toughened glass
Frame	Anodized Aluminium Alloy
Cable (Including Connector)	4mm ² (IEC), (+):450mm,(-):250mm or Customized Length
Junction Box	IP 68 Rated

TEMPERATURE RATINGS

Voltage Temperature Coefficient	-0.22%/°C
Current Temperature Coefficient	+0.047%/°C
Power Temperature Coefficient	-0.24%/°C
Tolerance	0~+5w
NOCT	45±2°C
Bifaciality	80±5%

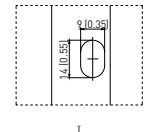
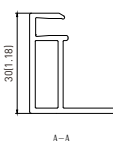
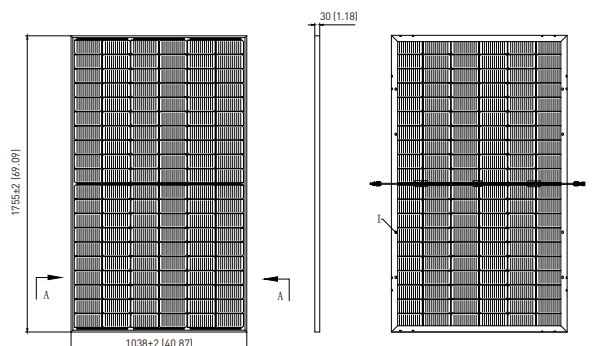
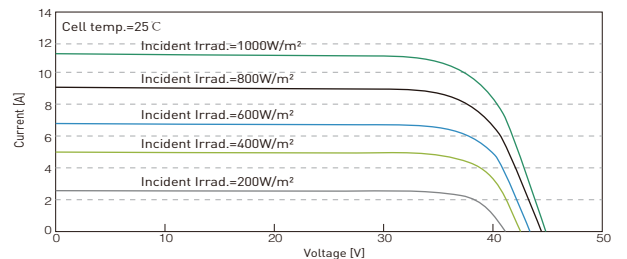
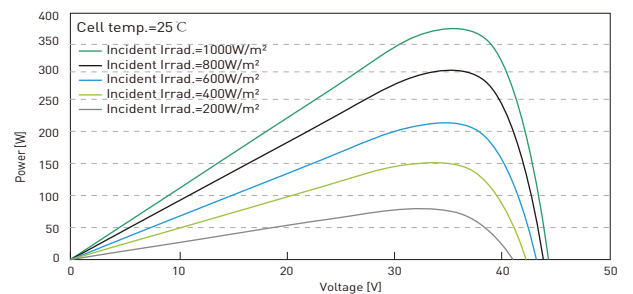
ABSOLUTE MAXIMUM RATING

Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Maximum Series Fuse Rating	20A
PV Module Classification	Class II
Maximum System Voltage	DC 1500V

PACKING CONFIGURATION

Container	40' HQ
Pieces/Container	936

ELECTRICAL CHARACTERISTICS



Note:mm (inch)