

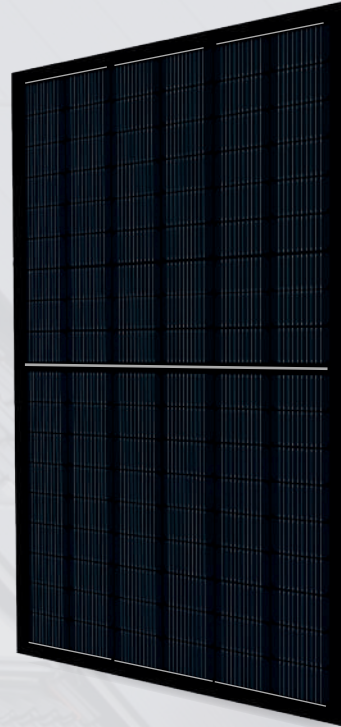
Module HC 108 (New) 400-410 Watt

Positive power tolerance of 0~+3%
10BB HALF-CELL Black Monocrystalline PERC PV Module



Complete System and Product Certifications

IEC 61215, IEC 61730, IEC61701, UL 61730
ISO9001:2015 : ISO Quality Management System
ISO14001: 2015 : ISO Environment Management System
ISO45001:2018 : Occupational Health and Safety



KEY FEATURES



Multi Busbar Solar Cell

Multi busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Efficiency

Higher module conversion efficiency (up to 20.97 %) benefit from half cell structure (low resistance characteristic).



PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



Severe Weather Resilience

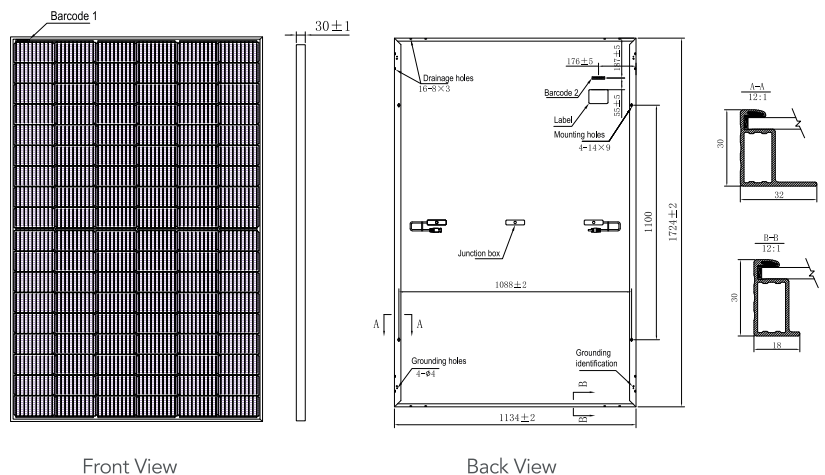
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

ENGINEERING DRAWINGS

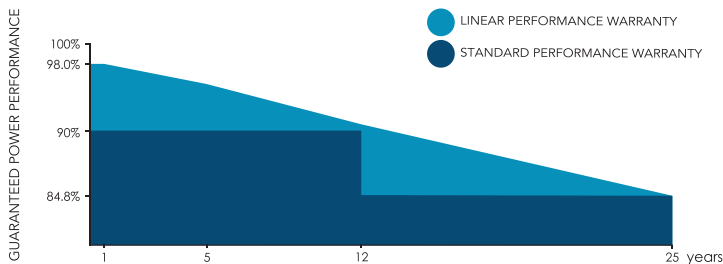


PACKAGING CONFIGURATION

(Two pallets = One stack)

36pcs/pallet , 72pcs/stack, 936pcs/53FT Truck

LINEAR PERFORMANCE WARRANTY



25-Year Product Warranty.

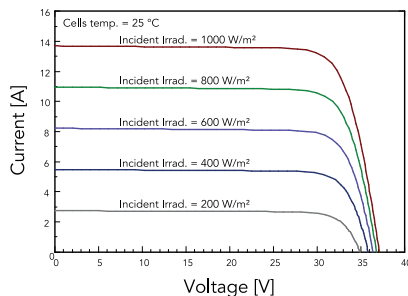
25-Year Efficiency Power Warranty
+85 output.

MECHANICAL CHARACTERISTICS

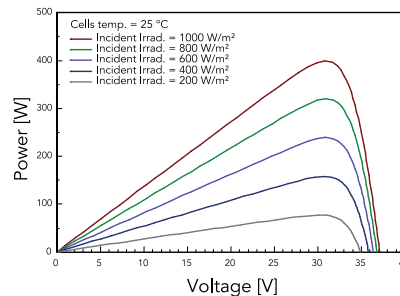
Solar cells	Mono PERC
Cells orientation	108 (6×18)
Module dimension	1724×1134×30 mm (With Frame)
Weight	20.5±1.0 kg
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Junction box	IP 68, 3 diodes
Cables	4 mm ² , 1200 mm (With Connectors)
Connectors*	MC4-compatible
Front Side Maximum Static Loading	Up to 5400 Pa
Rear Side Maximum Static Loading	Up to 2400 Pa

ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE

I-V CURVES OF PV MODULE(400W)



P-V CURVES OF PV MODULE(400W)



SPECIFICATIONS

Module Type	SE-182*91-400M-108	SE-182*91-405M-108	SE-182*91-410M-108
	STC	STC	STC
Maximum Power (Pmax)	400W	405W	410W
Maximum Power Voltage (Vmp)	30.90	31.10	31.30
Maximum Power Current (Imp)	12.95	13.03	13.10
Open-circuit Voltage (Voc)	37.10	37.30	37.50
Short-circuit Current (Isc)	13.70	13.77	13.84
Module Efficiency STC (%)	20.46%	20.72%	20.97%
Operating Temperature (°C)		-40°C~+85°C	
Maximum System Voltage		1500VDC (IEC)	
Maximum Series Fuse Rating		25A	
Power Tolerance		0~+3%	
Temperature Coefficients of Pmax		-0.35%/°C	
Temperature Coefficients of Voc		-0.29%/°C	
Temperature Coefficients of Isc		0.048%/°C	
Nominal Operating Cell Temperature (NOCT)		45±2 °C	

STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

*Power measurement tolerance: ± 3%

Contact us!

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