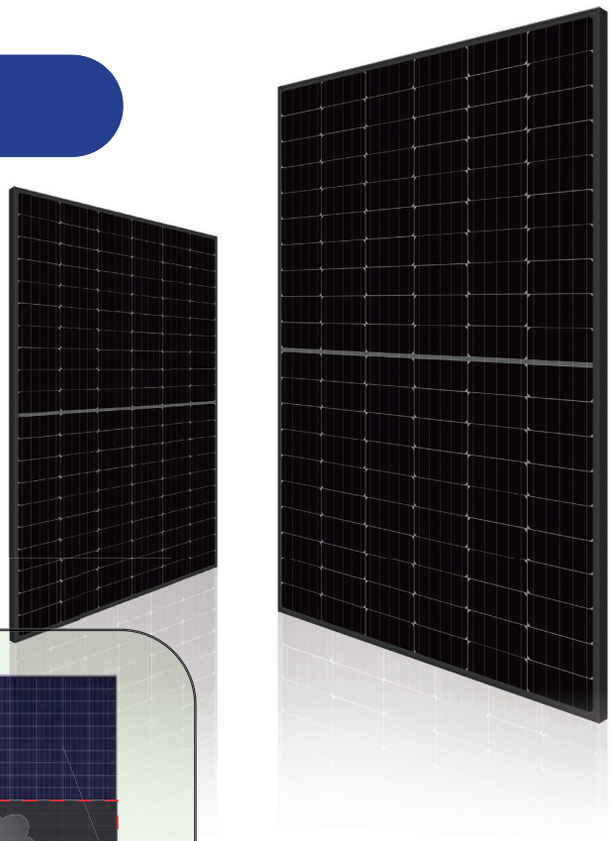
110571-325W mono FB HC

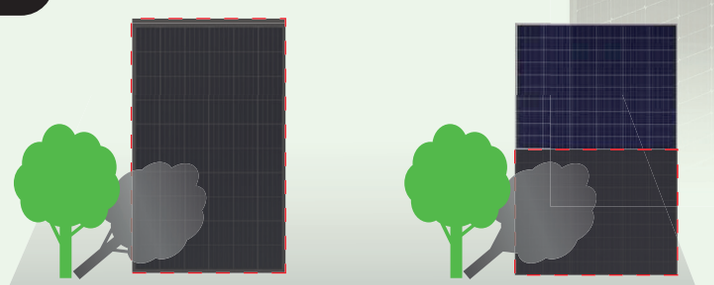


SERAPHIM®

A Module re-Moduled

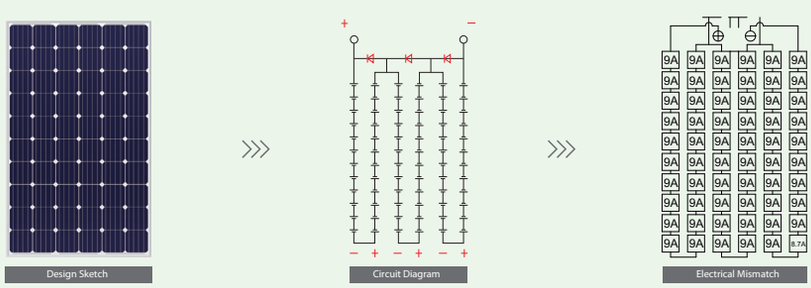
Blade™ Series solar module boasts two identical parts, which are composed of cells that are half the size of ordinary solar cells.
By cutting cells into halves, these smaller currents will help reduce "Cell To Module" loss, which means higher output.

Key features



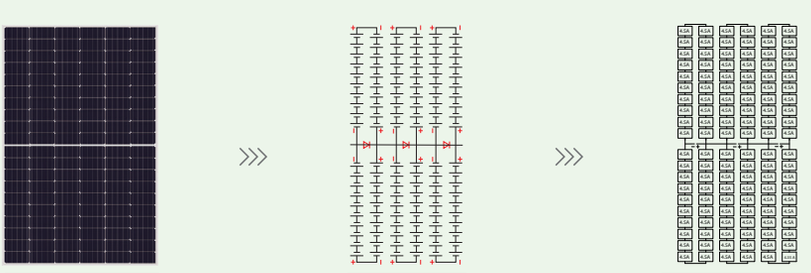
Higher Yield Due to Better Shading Response

Blade™ comprises two separated and identical solar cell arrays, which means the ordinary strings of cells are cut into halves, and these shorter strings compose arrays which has separated current paths. When a module is shaded, only one side shaded array's current will be impacted, while the other array will still be functionally producing power. Under this circumstance, when a module is shaded, the affected working areas of Blade™ will be 50% less. By cutting solar cell into halves, the internal power loss will be lower and hot spot effect will also be reduced.



Less Internal Power Loss

The ribbon length of half-cell is shorter than normal cell.
Calculated by Joule's law and Ohm' law, the power loss reduction is nearly 6%.



Less Mismatch Loss

Instead of 6 internal strings of cells, the Blade series module has 2 x 6 shorter ones.
This design effectively deals with the mismatch happened between cells caused by shadow, out of sync performance degradation, ect.

Benefits

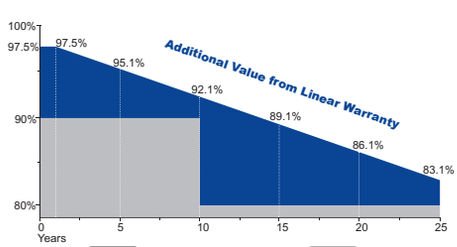
- ***More Output***
- ***Higher Efficiency***
- ***Higher ROI***

Certificates

Insurance

PICC

Warranty



20 YEARS
Guarantee on product material and workmanship

25 YEARS
Linear power output warranty

energreen
PRODUISONS L'ÉNERGIE RENOUVELABLE DE DEMAIN

110571-325W mono FB HC

SERAPHIM®

-HV

SRP-XXX-BMB: Maximum System Voltage1000 VDC
SRP-XXX-BMB-HV: Maximum System Voltage1500 VDC

Electrical Characteristics

Module Type	SRP-325-BMB SRP-325-BMB-HV	SRP-330-BMB SRP-330-BMB-HV	SRP-335-BMB SRP-335-BMB-HV
	STC	STC	STC
Maximum Power at STC (Pmp)	325	330	335
Open Circuit Voltage (Voc)	40.6	40.8	41.0
Short Circuit Current (Isc)	10.02	10.11	10.20
Maximum Power Voltage (Vmp)	34.2	34.4	34.6
Maximum Power Current (Imp)	9.51	9.60	9.69
Module Efficiency at STC(ηm)	19.19	19.49	19.78
Power Tolerance	(0,+4.99)		
Maximum System Voltage	1000 VDC / 1500 VDC		
Maximum Series Fuse Rating	20A		

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;

Temperature Characteristics

Pmax Temperature Coefficient	-0.36 %/°C
Voc Temperature Coefficient	-0.28 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40～+85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C

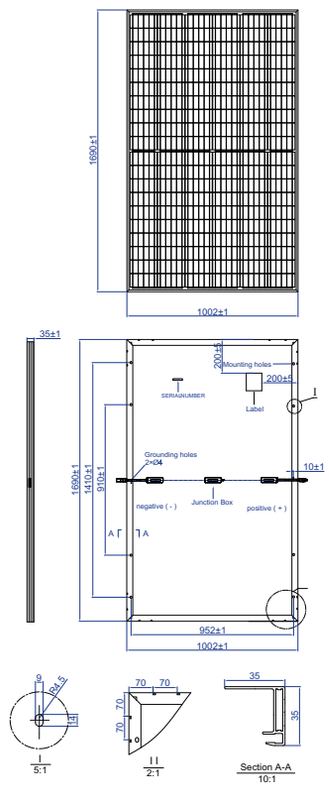
Mechanical Specifications

External Dimensions	1690 x 1002 x 35 mm
Weight	19.0kg
Solar Cells	PERC Mono crystalline158.75 × 79.375 mm(120pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cable	4.0 mm²,Portrait:255mm(+)/355mm(-);Landscape:1200mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa

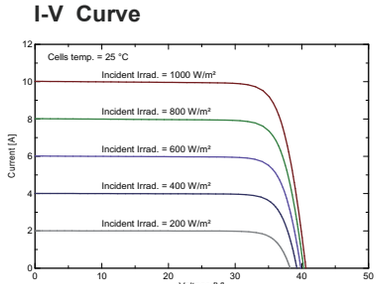
Packing Configuration

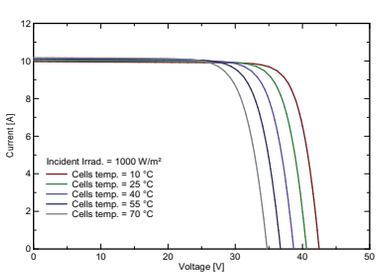
	1690 x 1002 x 35 mm		
Container	20'GP	40'GP	40'HQ
Pieces per Pallet	30	30	30+2*
Pallets per Container	12	26	26
Pieces per Container	360	780	832

** 30+2 pieces per pallet is the special package which only suits for container transport. For details,please consult SERAPHIM.*



I-V Curve





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