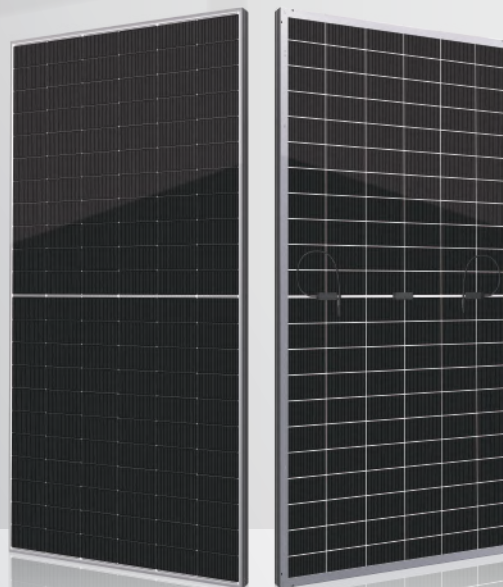


SIV N-HJT SERIES

N for Now, Fit for Future

695-710W



• N-HJT MODULE ADVANTAGE



Multi-main gate technology



Superior load capacity



High module conversion efficiency



Excellent low-light performance



Low attenuation long warranty



Low BOS and KWH cost



Reduce heat spot effect



Higher bifaciality

• QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

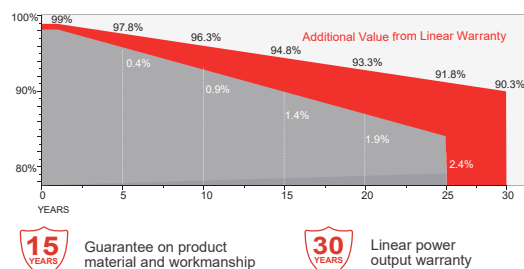
• PRODUCT CERTIFICATION



• INSURANCE

PICC

• WARRANTY



SERAPHIM ENERGY GROUP CO., LTD.

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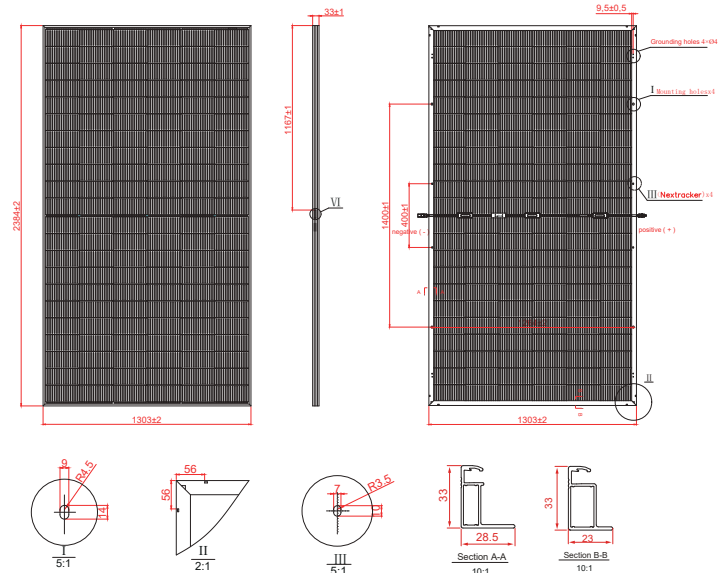
Mechanical Specifications

External Dimension	2384 x 1303 x 33 mm
Weight	38.3 kg
Solar Cells	N-HJT 210 x 105mm (132pcs)
Front / Back Glass	2.0mm AR coating semi-tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm ² , 250mm(+)/350mm(-) or Customized Length

Packing Configuration

Container	40'HQ
Pieces per Pallet	33
Pallets per Container	18
Pieces per Container	594

Technical drawing



Electrical Characteristics

Module Type	SRP-695-BHC-BG			SRP-700-BHC-BG			SRP-705-BHC-BG			SRP-710-BHC-BG		
	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC
Maximum Power -P _{mp} (W)	695	521	626	700	525	630	705	529	635	710	533	639
Open Circuit Voltage -V _{oc} (V)	50.00	47.50	49.98	50.16	47.65	50.14	50.32	47.80	50.30	50.48	47.96	50.46
Short Circuit Current -I _{sc} (A)	17.38	13.90	15.64	17.44	13.95	15.70	17.50	14.00	15.75	17.56	14.05	15.80
Maximum Power Voltage -V _{mp} (V)	41.98	39.30	41.96	42.14	39.44	42.12	42.30	39.58	42.28	42.46	39.72	42.44
Maximum Power Current -I _{mp} (A)	16.58	13.26	14.92	16.64	13.31	14.98	16.70	13.36	15.03	16.76	13.41	15.08
Module Efficiency STC-η _m (%)	22.37			22.53			22.70			22.86		
Power Tolerance (W)	(0, +4.99)											
Pmax Temperature Coefficient	-0.258 %/°C											
Voc Temperature Coefficient	-0.27 %/°C											
Isc Temperature Coefficient	+0.055 %/°C											

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5
Power measurement tolerance: +/-3%

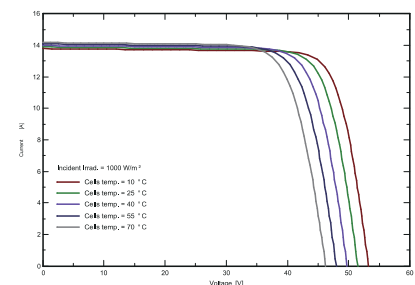
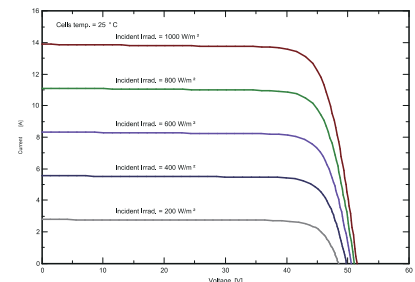
Rear Side Power Gain(SRP-700-BHC-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	770	805	840	875	910
Open Circuit Voltage -V _{oc} (V)	50.16	50.16	50.16	50.16	50.16
Short Circuit Current -I _{sc} (A)	19.18	20.06	20.93	21.80	22.67
Maximum Power Voltage -V _{mp} (V)	42.14	42.14	42.14	42.14	42.14
Maximum Power Current -I _{mp} (A)	18.30	19.14	19.97	20.80	21.63

Application Conditions

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	35 A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Bifaciality	90%±5%
Mechanical Load	Front side 5400 Pa / Back side 2400 Pa

I-V Curve



Specifications are subject to change without further notification SRP-DS-EN-2023T0921 © Copyright 2023 Seraphim

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