



Seco 585-610w


High efficiency bifacial modules


PERC 210mm


• PERC MODULE ADVANTAGE


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Less mismatch to get more power
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Less power loss by minimizing the shading impact
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Excellent low-light performance
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Low BOS and LCOE
- 

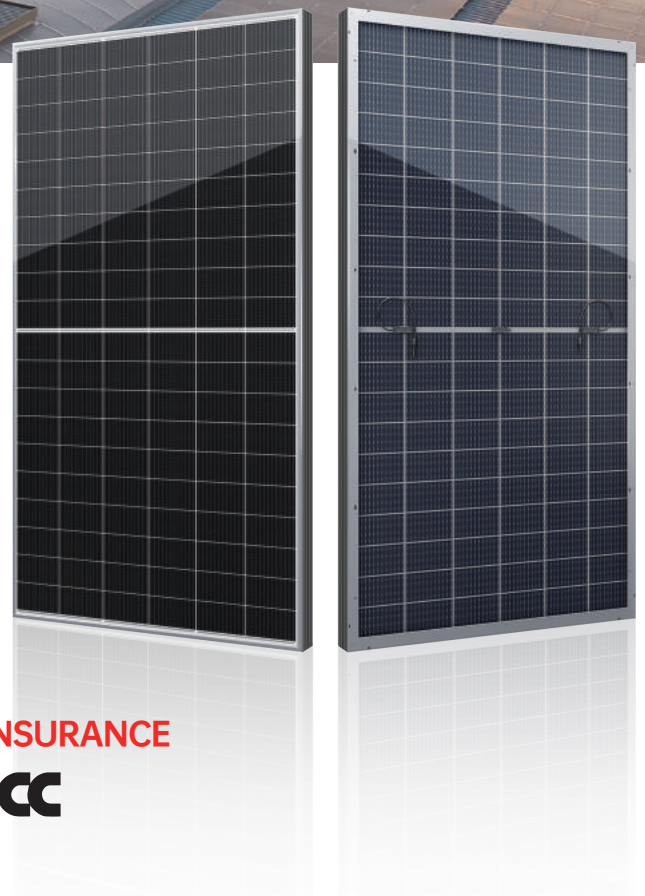
3 times EL test to ensure best quality
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Superior load capacity
2400 Pa wind load &
5400 Pa snow load

• QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

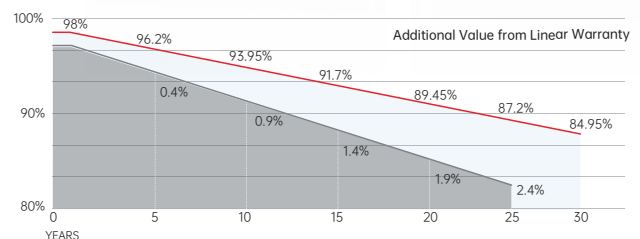
• PRODUCT CERTIFICATION



• INSURANCE

PICC

• WARRANTY



15 YEARS Guarantee on product material and workmanship

30 YEARS Linear power output warranty



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Mechanical Specifications

External Dimension	2172 x 1303 x 33 mm
Weight	35.0 kg
Solar Cells	PERC Mono crystalline(120 pcs)
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

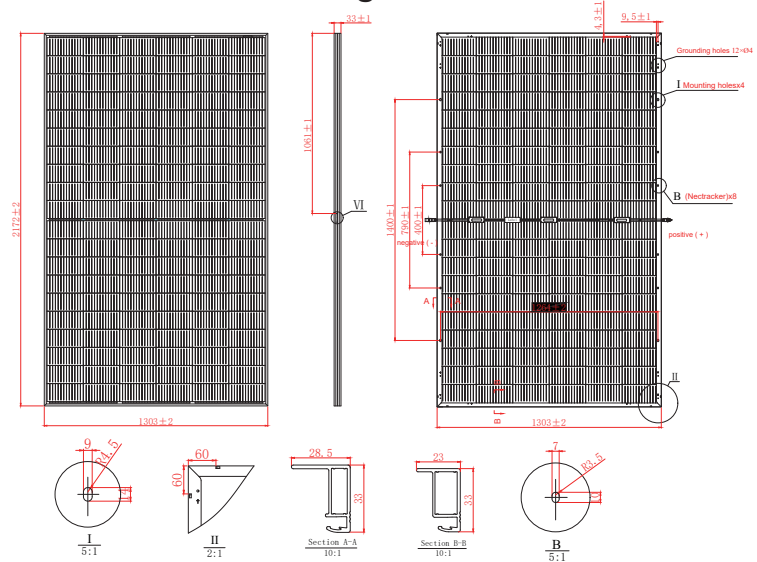
Container	40'HQ
Pieces per Pallet	33
Pallets per Container	18
Pieces per Container	594

Electrical Characteristics

Module Type	SRP-585-BMB-BG		SRP-590-BMB-BG		SRP-595-BMB-BG		SRP-600-BMB-BG		SRP-605-BMB-BG		SRP-610-BMB-BG	
	Front STC	Front BNPI	Front STC	Front BNPI	Front STC	Front BNPI	Front STC	Front BNPI	Front STC	Front BNPI	Front STC	Front BNPI
Maximum Power -P _{mp} (W)	585	638	590	643	595	649	600	654	605	659	610	665
Open Circuit Voltage -V _{oc} (V)	41.09	41.17	41.29	41.37	41.49	41.57	41.69	41.77	41.89	41.97	42.09	42.17
Short Circuit Current -I _{sc} (A)	18.22	19.86	18.28	19.93	18.34	19.99	18.40	20.06	18.46	20.12	18.52	20.19
Maximum Power Voltage -V _{mp} (V)	33.98	33.99	34.18	34.18	34.38	34.37	34.58	34.56	34.78	34.75	34.98	34.94
Maximum Power Current -I _{mp} (A)	17.21	18.76	17.26	18.81	17.31	18.87	17.36	18.92	17.41	18.98	17.46	19.03
Module Efficiency STC-η _m (%)	20.67		20.85		21.02		21.20		21.38		21.55	
Power Tolerance (W)	(0, +4.99)											

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5 Power measurement tolerance: +/-3%;Voltage measurement tolerance: +/-3%;Current measurement tolerance: +/-4%
BNPI: front 1000 W/m² rear 135 W/m² Power measurement tolerance: +/-3%;Voltage measurement tolerance: +/-3%;Current measurement tolerance: +/-4%

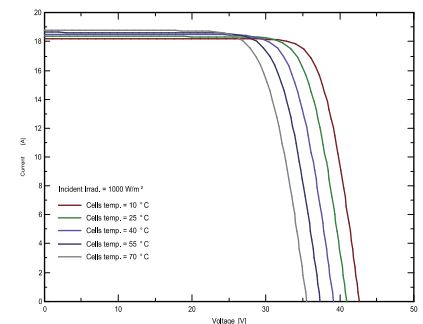
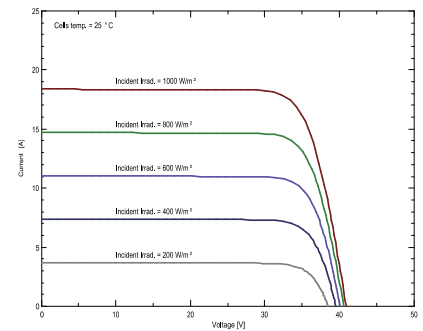
Technical drawing



Rear Side Power Gain(SRP-600-BMB-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	660	690	720	750	780
Open Circuit Voltage -V _{oc} (V)	41.5	41.5	41.5	41.5	41.5
Short Circuit Current -I _{sc} (A)	20.39	21.32	22.25	23.18	24.10
Maximum Power Voltage -V _{mp} (V)	34.33	34.33	34.33	34.33	34.33
Maximum Power Current -I _{mp} (A)	19.23	20.10	20.98	21.85	22.72

I-V Curve



Temperature Ratings

Pmax Temperature Coefficient	-0.34 %/°C
Voc Temperature Coefficient	-0.25 %/°C
Isc Temperature Coefficient	+0.04 %/°C

Application Conditions

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	30 A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Bifaciality	70%±10%
Mechanical Load	Front side 5400 Pa / Back side 2400 Pa

Specifications are subject to change without further notification SRP-DS-EN-2025V1.0 © Copyright 2025 Seraphim

