

# Seco

## 535-560W

High efficiency bifacial modules

PERC

182mm

### PERC MODULE ADVANTAGE



Less mismatch to get more power



Less power loss by minimizing the shading impact



Excellent low-light performance



Low BOS and LCOE



3 times EL test to ensure best quality



Superior load capacity  
2400 Pa wind load &  
5400 Pa snow load

### QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

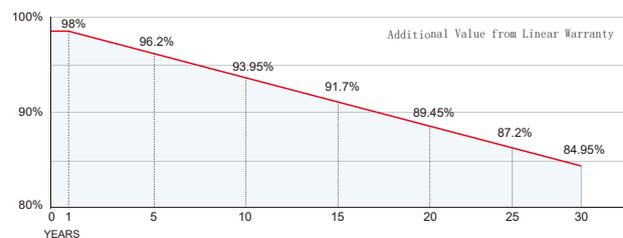
### PRODUCT CERTIFICATION



### INSURANCE

**PICC**

### WARRANTY



Guarantee on product material and workmanship



Linear power output warranty



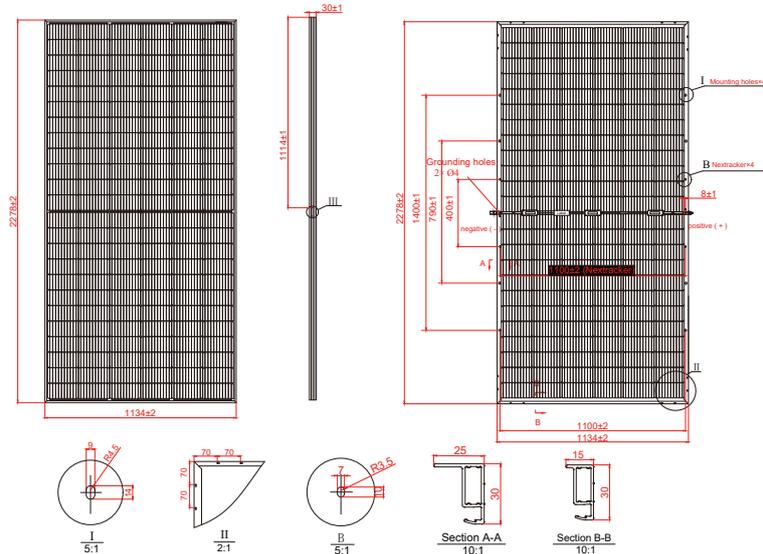
### Mechanical Specifications

External Dimension	2278 x 1134 x 30 mm
Weight	32.0 kg
Solar Cells	PERC Mono crystalline(144 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 <sup>2</sup> , 250mm(+)/350mm(-) or Customized Length

### Packing Configuration

Container	20' GP	40' HQ
Pieces per Pallet	36	36
Pallets per Container	4	20
Pieces per Container	144	720

### Technical drawing



### Electrical Characteristics

Module Type	SRP-535-BMA-BG		SRP-540-BMA-BG		SRP-545-BMA-BG		SRP-550-BMA-BG		SRP-555-BMA-BG		SRP-560-BMA-BG	
	Front STC	Front BNPI										
Maximum Power $-P_{mp}$ (W)	535	586	540	591	545	597	550	602	555	607	560	613
Open Circuit Voltage $-V_{oc}$ (V)	49.40	49.60	49.50	49.70	49.60	49.80	49.70	49.90	49.80	50.00	49.90	50.10
Short Circuit Current $-I_{sc}$ (A)	13.70	14.99	13.81	15.12	13.90	15.21	14.00	15.32	14.10	15.43	14.21	15.55
Maximum Power Voltage $-V_{mp}$ (V)	41.29	41.28	41.55	41.54	41.80	41.79	42.05	42.05	42.31	42.30	42.56	42.55
Maximum Power Current $-I_{mp}$ (A)	12.96	14.18	13.00	14.23	13.04	14.27	13.08	14.32	13.12	14.36	13.16	14.40
Module Efficiency STC $- \eta_p$ (%)	20.71		20.90		21.10		21.29		21.48		21.68	
Power Tolerance (W)	(0, +4.99)											

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25° C AM=1.5 Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-3%; Current measurement tolerance: +/-4%  
 BNPI: front 1000 W/m<sup>2</sup> rear 135 W/m<sup>2</sup> Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-3%; Current measurement tolerance: +/-4%

### Rear Side Power Gain ( SRP-550-BMA-BG )

Power Gain	10%	15%	20%	25%	30%
Maximum Power $-P_{mp}$ (W)	605	633	660	688	715
Open Circuit Voltage $-V_{oc}$ (V)	49.70	49.70	49.70	49.70	49.70
Short Circuit Current $-I_{sc}$ (A)	15.40	16.10	16.80	17.50	18.20
Maximum Power Voltage $-V_{mp}$ (V)	42.05	42.05	42.05	42.05	42.05
Maximum Power Current $-I_{mp}$ (A)	14.39	15.04	15.70	16.35	17.00

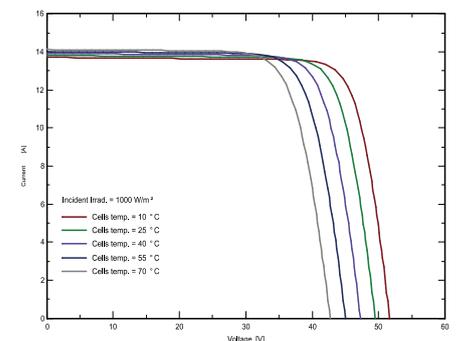
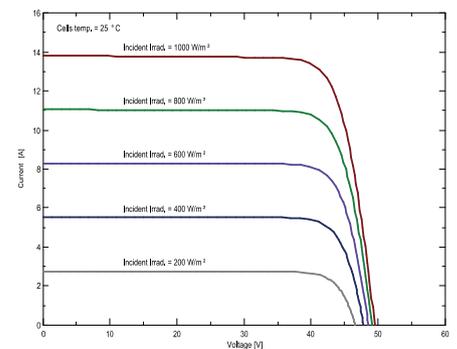
### Temperature Ratings

Pmax Temperature Coefficient	-0.34 %/° C
Voc Temperature Coefficient	-0.26 %/° C
Isc Temperature Coefficient	+0.05 %/° C

### Application Conditions

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	25 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

### I-V Curve



Specifications are subject to change without further notification SRP-DS-EN-2026V1.0 © Copyright 2026 Seraphim



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