

Seco

645-670W

High efficiency bifacial modules

PERC

210mm

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

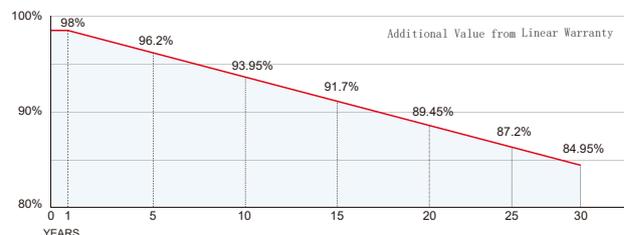
PRODUCT CERTIFICATION



INSURANCE

PICC

WARRANTY



Guarantee on product material and workmanship



Linear power output warranty



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Mechanical Specifications

| | |
|--------------------|---|
| External Dimension | 2384 x 1303 x 33 mm |
| Weight | 38.5 kg |
| Solar Cells | PERC Mono crystalline(132 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-645-BMC-BG | | SRP-650-BMC-BG | | SRP-655-BMC-BG | | SRP-660-BMC-BG | | SRP-665-BMC-BG | | SRP-670-BMC-BG | |
|-------------------------------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|
| | Front STC | Front BNP1 |
| Maximum Power $-P_{mp}$ (W) | 645 | 703 | 650 | 709 | 655 | 714 | 660 | 719 | 665 | 725 | 670 | 730 |
| Open Circuit Voltage $-V_{oc}$ (V) | 45.28 | 45.36 | 45.48 | 45.56 | 45.68 | 45.76 | 45.88 | 45.96 | 46.08 | 46.16 | 46.28 | 46.36 |
| Short Circuit Current $-I_{sc}$ (A) | 18.29 | 19.94 | 18.34 | 19.99 | 18.39 | 20.05 | 18.44 | 20.10 | 18.49 | 20.15 | 18.54 | 20.21 |
| Maximum Power Voltage $-V_{mp}$ (V) | 37.56 | 37.57 | 37.76 | 37.77 | 37.96 | 37.97 | 38.16 | 38.17 | 38.36 | 38.37 | 38.56 | 38.75 |
| Maximum Power Current $-I_{mp}$ (A) | 17.17 | 18.72 | 17.21 | 18.76 | 17.25 | 18.80 | 17.29 | 18.85 | 17.33 | 18.89 | 17.37 | 18.93 |
| Module Efficiency STC- η_m (%) | 20.76 | | 20.92 | | 21.09 | | 21.25 | | 21.41 | | 21.57 | |
| 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%
BNP1: front 1000 W/m² rear 135 W/m² Power measurement tolerance: +/-3%;Voltage measurement tolerance: +/-3%;Current measurement tolerance: +/-4%

Rear Side Power Gain (SRP-660-BMC-BG)

| Power Gain | 10% | 15% | 20% | 25% | 30% |
|-------------------------------------|-------|-------|-------|-------|-------|
| Maximum Power $-P_{mp}$ (W) | 726 | 759 | 792 | 825 | 858 |
| Open Circuit Voltage $-V_{oc}$ (V) | 45.33 | 45.33 | 45.33 | 45.33 | 45.33 |
| Short Circuit Current $-I_{sc}$ (A) | 20.38 | 21.31 | 22.24 | 23.16 | 24.09 |
| Maximum Power Voltage $-V_{mp}$ (V) | 38.16 | 38.16 | 38.16 | 38.16 | 38.16 |
| Maximum Power Current $-I_{mp}$ (A) | 19.12 | 19.88 | 20.75 | 21.61 | 22.78 |

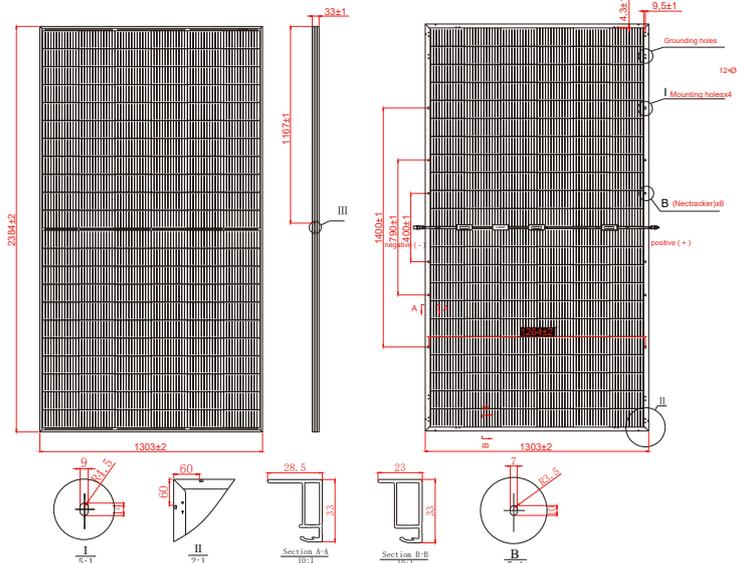
Temperature Ratings

| | |
|------------------------------|-------------|
| 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 |

Technical drawing



I-V Curve

