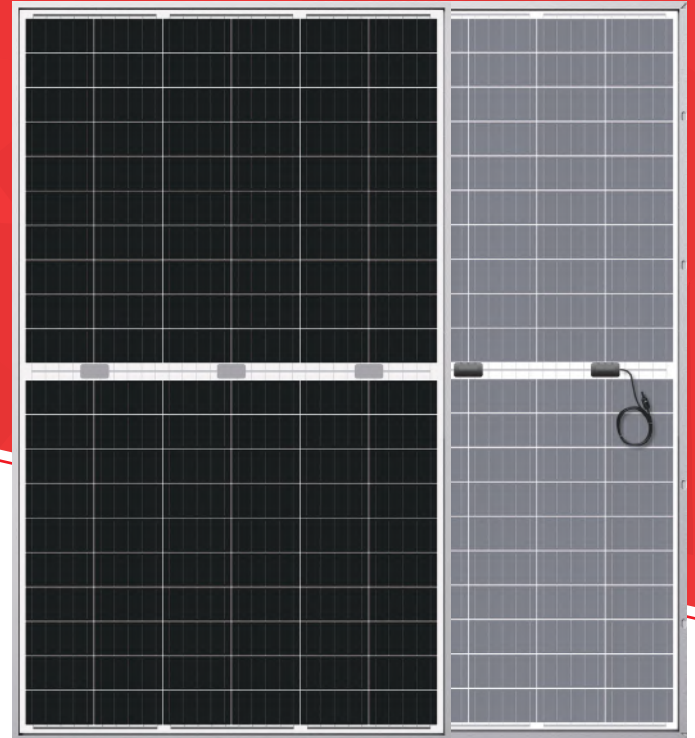


SRP-BMB-DG SERIES 6 INCH 120 CELLS

325-340_w



KEY FEATURES



5400Pa Mechanical load.



Enhanced safety by excellent fire resistance



Perfect for sandy, snowy and high latitude regions



Lower power degradation, more power yield, more returns



Dual glass reduces micro-cracks, snail trail, UV aging



Cut cell, Less internal power loss, Less mismatch loss

MANAGEMENT SYSTEM

ISO 9001: Quality management system

ISO 14001: Standard for environmental management system

OHSAS 18001: International standard for occupational health and safety assessment system

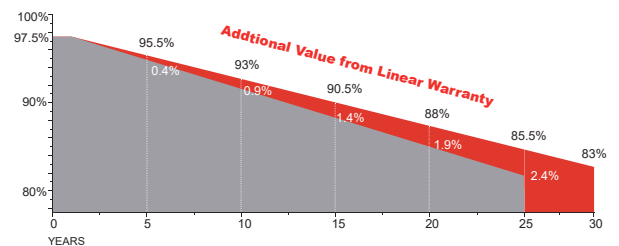
INSURANCE



PRODUCT CERTIFICATES



WARRANTY



Guarantee on product material and workmanship



linear power output warranty

Specifications are subject to change without further notification SRP-DS-EN-2020V1.0 © Copyright 2020 Seraphim

Electrical Characteristics

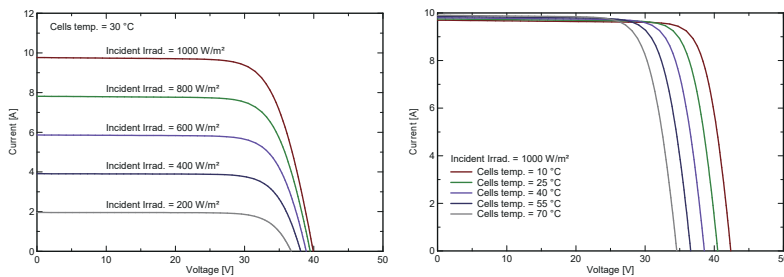
| Module Type | SRP-325-BMB-DG | | SRP-330-BMB-DG | | SRP-335-BMB-DG | | SRP-340-BMB-DG | |
|--|----------------|------|----------------|------|----------------|------|----------------|------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power -P _{mp} (W) | 325 | 242 | 330 | 246 | 335 | 250 | 340 | 254 |
| Open Circuit Voltage -V _{oc} (V) | 40.9 | 37.9 | 41.1 | 38.1 | 41.3 | 38.3 | 41.4 | 38.5 |
| Short Circuit Current -I _{sc} (A) | 9.93 | 8.02 | 10.02 | 8.10 | 10.10 | 8.19 | 10.23 | 8.27 |
| Maximum Power Voltage -V _{mp} (V) | 34.5 | 31.9 | 34.7 | 32.1 | 34.9 | 32.3 | 35.0 | 32.5 |
| Maximum Power Current -I _{mp} (A) | 9.43 | 7.59 | 9.52 | 7.67 | 9.60 | 7.75 | 9.72 | 7.82 |
| Module Efficiency STC-η _m (%) | 18.75 | | 19.03 | | 19.32 | | 19.61 | |
| Power Tolerance (W) | (0,+4.99) | | | | | | | |
| Maximum System Voltage (V) | 1500VDC | | | | | | | |
| Maximum Series Fuse Rating (A) | 20A | | | | | | | |
| 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 | 45±2 °C | | | | | | | |

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

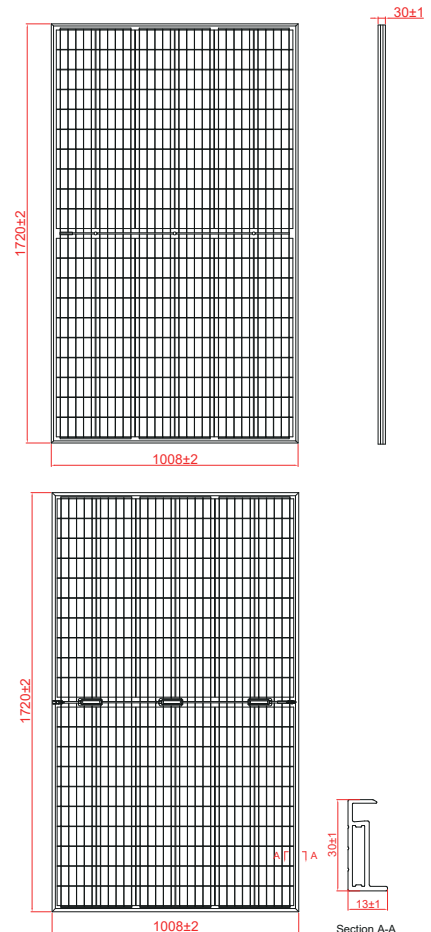
NOCT: Irradiance 800 W/m² ambient temperature 20°C wind speed :1m/s

Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-2%; Current measurement tolerance: +/-4%

I-V Curve



Technical drawing



Mechanical Specifications

| | |
|--------------------|--|
| External Dimension | 1720 x 1008 x 30mm |
| Weight | 22.5kg |
| Solar Cells | PERC Mono crystalline 158.75 x 79.375 mm (120pcs) |
| Front Glass | 2.0mm AR coating semi-tempered glass, low iron |
| Back Glass | 2.0mm Semi-tempered glass, low iron |
| Frame | Anodized aluminium alloy |
| Junction Box | IP68, 3 diodes |
| Output Cables | 4.0 mm ² , Portrait:255mm(+)/355mm(-); Landscape:1200mm |
| Connector | Genuine MC4 / TT02 / 05-6 / 05-8 |
| Mechanical Load | Front side 5400Pa/ Back side 2400Pa |
| Fire Safety Class | Class A |

Packing Configuration

| | |
|-----------------------|--------------------|
| External Dimension | 1720 x 1008 x 30mm |
| Container | 40'HQ |
| Pieces per Pallet | 30 |
| Pallets per Container | 24 |
| Pieces per Container | 720 |

* All Dimensions in mm

* The above drawing is a graphical representation of the product. For engineering quality drawings please contact SERAPHIM.

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