

# SII SERIES

Multiple upgrades were forged into one

## 355-370<sub>w</sub>



### ● SII SERIES

Seraphim redefined the high-efficiency module series by integrating 158.75mm silicon wafers with multi-busbar and half-cut cell technologies. Seraphim panel combined creative technology effectively and extremely improved the module efficiency and power output.

### ● KEY FEATURES

-  Less mismatch to get more power
-  Less power loss by minimizing the shading impact
-  Competitive low light performance
-  3 times EL test to ensure best quality
-  Ideal choice for utility and commercial scale projects by reduced BOS and improve ROI.
-  **PVEL** Outstanding reliability proven by PVEL for stringent environment condition :
  - sand, acid, and alkali, hail stones,
  - 2400pa wind load and 5400pa snow load.
  - PID

### ● QUALITY SYSTEM

ISO19001 / ISO14001 / OHSAS18001

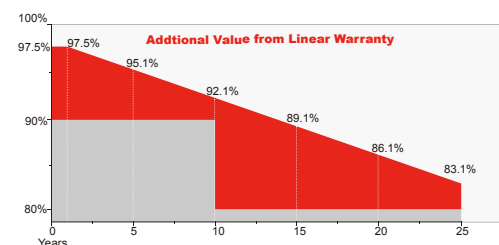
### ● PRODUCT CERTIFICATION



### ● INSURANCE



### ● WARRANTY



Guarantee on product material and workmanship



linear power output warranty



## Electrical Characteristics

| Module Type                  | SRP-355-BMC-HV | SRP-360-BMC-HV | SRP-365-BMC-HV | SRP-370-BMC-HV |
|------------------------------|----------------|----------------|----------------|----------------|
|                              | STC            | STC            | STC            | STC            |
| Maximum Power at STC (Pmp)   | 355            | 360            | 365            | 370            |
| Open Circuit Voltage (Voc)   | 44.0           | 44.2           | 44.4           | 44.5           |
| Short Circuit Current (Isc)  | 10.07          | 10.15          | 10.23          | 10.31          |
| Maximum Power Voltage (Vmp)  | 37.2           | 37.4           | 37.6           | 37.7           |
| Maximum Power Current (Imp)  | 9.55           | 9.63           | 9.71           | 9.82           |
| Module Efficiency at STC(ηm) | 19.13          | 19.40          | 19.67          | 19.94          |
| Power Tolerance              | (0,+4.99)      |                |                |                |
| Maximum System Voltage       | 1500 VDC       |                |                |                |
| Maximum Series Fuse Rating   | 20A            |                |                |                |

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5;

## Temperature Characteristics

|                                           |              |
|-------------------------------------------|--------------|
| 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 (NOCT) | 45±2 °C      |

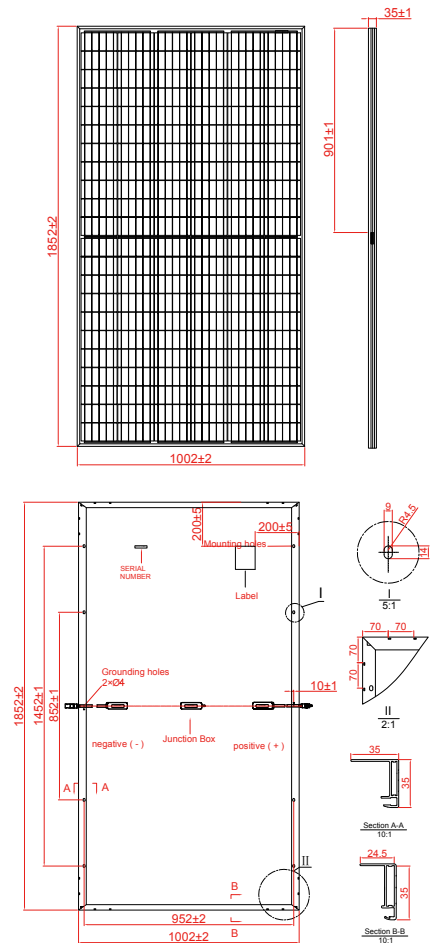
## Mechanical Specifications

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| External Dimensions | 1852 x 1002 x 35 mm                                               |
| Weight              | 20.0kg                                                            |
| Solar Cells         | PERC Mono(132pcs)                                                 |
| Front Glass         | 3.2 mm AR coating tempered glass, low iron                        |
| Frame               | Anodized aluminium alloy                                          |
| Junction Box        | IP68, 3 diodes                                                    |
| Output Cable        | 4.0 mm <sup>2</sup> , Portrait:255mm(+)/355mm(-);Landscape:1200mm |
| Mechanical Load     | Front side 5400Pa/ Back side 2400Pa                               |

## Packing Configuration

|                       | 1852 x 1002 x 35 mm |       |       |
|-----------------------|---------------------|-------|-------|
| Container             | 20'GP               | 40'GP | 40'HQ |
| Pieces per Pallet     | 31                  | 31    | 31+2* |
| Pallets per Container | 10                  | 24    | 24    |
| Pieces per Container  | 310                 | 744   | 792   |

\* 31+2 pieces per pallet is the special package which only suits for container transport.  
For details, please consult SERAPHIM.



## I-V Curve

