

**PERC**

**290W-305W**

**60 efficient monocrystalline silicon cell modules**

## SLP290S-20 SLP295S-20 SLP300S-20 SLP305S-20

### Electric Performance Parameters

| TYPE                                             | SLP290S-20 | SLP295S-20 | SLP300S-20 | SLP305S-20 |
|--------------------------------------------------|------------|------------|------------|------------|
| Rated power (W)                                  | 290W       | 295W       | 300W       | 305W       |
| Deviation of rated power (W)                     | 0~+5W      | 0~+5W      | 0~+5W      | 0~+5W      |
| Optimum operating voltage (V <sub>mp</sub> )     | 31.77V     | 32.07V     | 32.33V     | 32.62V     |
| Optimum operating current (I <sub>mp</sub> )     | 9.13A      | 9.20A      | 9.28A      | 9.35A      |
| Open-circuit voltage (V <sub>oc</sub> )          | 38.73V     | 39.09V     | 39.41V     | 39.76V     |
| Short-circuit current (I <sub>sc</sub> )         | 9.59A      | 9.66A      | 9.74A      | 9.82A      |
| Temperature coefficient of open-circuit voltage  | -0.36%/°C  |            |            |            |
| Temperature coefficient of short-circuit current | +0.07%/°C  |            |            |            |
| Temperature coefficient of rated power           | -0.38%/°C  |            |            |            |
| Standard operating temperature                   | 45±2°C     |            |            |            |

STC: illumination intensity: 1000W/M<sup>2</sup>, battery temperature: 25°C, air quality=1.5

NOCT: illumination intensity: 800W/M<sup>2</sup>, environmental temperature: 20°C, air quality=1.5, wind speed: 1m/s

### Packaging Information

|                                      |                                              |
|--------------------------------------|----------------------------------------------|
| Type of Cell                         | Monocrystalline silicon cell (156.75x156.75) |
| Cell Array                           | 60(6x10)                                     |
| Module Dimension                     | 1650mm x 992mm x 35mm                        |
| Weight                               | 18.3kg                                       |
| Pallet Dimension                     | 1685mm x 1120mm x 1139mm(30 pieces/pallet)   |
| Container loading information (40HQ) | 840 pieces                                   |

### Operation Condition

|                              |                                  |
|------------------------------|----------------------------------|
| Maximum system voltage       | 1000V                            |
| Rated current of serial fuse | 15A                              |
| Maximum front load           | 5400Pa (112 lb/ft <sup>2</sup> ) |
| Maximum back load            | 2400Pa (50 lb/ft <sup>2</sup> )  |
| Operating temperature range  | -40~+85°C                        |
| Module Standard              | A                                |

### Module Dimension: (unit: mm)

