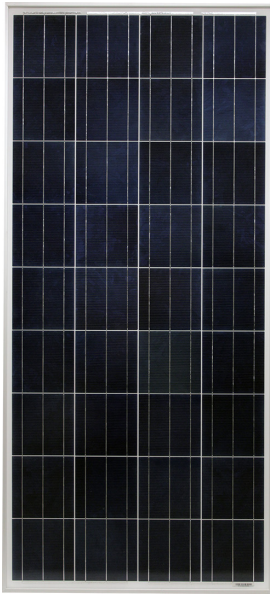


# SD ECO PLUS 145Wp



## SD DirectPro

### SD ECO PLUS 145Wp

| Specifications               |   |
|------------------------------|---|
| Cell                         | polycrystalline solar cell<br>156mm x 156mm |
| No. of cells and connections | 36(4 x 9)                                   |
| Dimension of module (mm)     | 1480 x 680 x 35                             |
| Weight                       | 11.6kg                                      |

| Characteristics                 |                   |
|---------------------------------|-------------------|
| Model                           | SD ECO PLUS 145Wp |
| Open circuit voltage (Voc)      | 22.6V             |
| Optimum operating voltage (Vmp) | 18.8V             |
| Short circuit current (Isc)     | 8.72A             |
| Optimum operating current (Imp) | 7.71A             |
| Maximum power at STC (Pm)       | 145Wp             |

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

| Limits                 |                 |
|------------------------|-----------------|
| Operating temperature  | -40°C to + 85°C |
| Maximum system voltage | 1000V DC        |

| Temperature and Coefficients    |            |       |
|---------------------------------|------------|-------|
| NOCT                            | 48°C ± 2°C |       |
| Current temperature coefficient | %/K        | 0.033 |
| Voltage temperature coefficient | MV/K       | -0.36 |
| Power temperature coefficient   | %/K        | -0.47 |

NOCT: Nominal Operation Cell Temperature

**5 year warranty**

Product: 5 years

Power: 20 years 80% yield

