

# DATENBLATT

## SOLA Flex Daylight



| Typ           | SOLA Flex Daylight<br>125 Wp HV | SOLA Flex Daylight<br>150 Wp | SOLA Flex Daylight<br>160 Wp | SOLA Flex Daylight<br>200 Wp |
|---------------|---------------------------------|------------------------------|------------------------------|------------------------------|
| Artikelnummer | 101-73125                       | 101-73150                    | 101-73160                    | 101-73200                    |

### Elektrische Kenngrößen\*

|                        |        |        |         |        |
|------------------------|--------|--------|---------|--------|
| Nennleistung (Pmax)    | 125 W  | 150 W  | 160 W   | 200 W  |
| Spannung (Umpp)        | 46,0 V | 28,5 V | 30,2 V  | 33,0 V |
| Strom (Impp)           | 2,71 A | 5,26 A | 5,29 A  | 6,06 A |
| Leerlaufspannung (Uoc) | 55,2 V | 34,2 V | 36,24 V | 39,6 V |
| Kurzschlussstrom (Isc) | 2,93 A | 5,68 A | 5,72 A  | 6,54 A |

\*Werte entsprechend STC-Bedingungen  
(E= 1000W/m<sup>2</sup>, T<sub>c</sub>=25 °C, AM=1,5)

### Temperaturkennwerte

|   |                |
|---|----------------|
| Temperaturkoeffizient (Pmax)              | -0,24 %/°C     |
| Temperaturkoeffizient (Uoc)               | -0,25 %/°C     |
| Temperaturkoeffizient (Isc)               | -0,06 %/°C     |
| Betriebstemperatur                        | -40 °C ~ 85 °C |
| NOCT (Nominal Operating Cell Temperature) | 45 ± 2 °C      |

### Technische Spezifikationen

|                          |                  |                  |                  |                  |
|--------------------------|------------------|------------------|------------------|------------------|
| Maße (L x B x H) in mm   | 1230 x 520 x 4,3 | 1100 x 680 x 4,3 | 1550 x 530 x 4,3 | 1565 x 650 x 4,3 |
| Gewicht                  | 3,65 kg          | 4,15 kg          | 4,55 kg          | 5,6 kg           |
| Zelltechnologie          | SunPower Maxeon  |                  |                  |                  |
| Zellwirkungsgrad         | 24 %             |                  |                  |                  |
| Anzahl Bypass-Dioden     | 2                |                  |                  |                  |
| Oberflächenmaterial      | ETFE             |                  |                  |                  |
| Flexibilität             | 30 %             |                  |                  |                  |
| Maximale Systemspannung  | 600 V DC         |                  |                  |                  |
| Maximale Sicherungsgröße | 5 A              |                  |                  |                  |
| Anschlusskabel           | 2 m              |                  |                  |                  |

### Garantie und Sicherheit

|                    |  |
|--------------------|--|
| Verbindungsbox     | IP 67                                      |
| Windlast           | 2400 Pa                                    |
| Schneelast         | 5400 Pa                                    |
| Herstellergarantie | 5 Jahre                                    |
| Leistungsgarantie  | 3 Jahre - mindestens 90 % der Nennleistung |

# DATASHEET

## SOLA Flex Daylight



| Typ         | SOLA Flex Daylight<br>125 Wp HV | SOLA Flex Daylight<br>150 Wp | SOLA Flex Daylight<br>160 Wp | SOLA Flex Daylight<br>200 Wp |
|-------------|---------------------------------|------------------------------|------------------------------|------------------------------|
| Article No. | 101-73125                       | 101-73150                    | 101-73160                    | 101-73200                    |

### Electrical Characteristics\*

|                             |        |        |         |        |
|-----------------------------|--------|--------|---------|--------|
| Nominal Power (Pmax)        | 125 W  | 150 W  | 160 W   | 200 W  |
| Voltage (Vmp)               | 46,0 V | 28,5 V | 30,2 V  | 33,0 V |
| Current (Imp)               | 2,71 A | 5,26 A | 5,29 A  | 6,06 A |
| Open Circuit Voltage (Voc)  | 55,2 V | 34,2 V | 36,24 V | 39,6 V |
| Short Circuit Current (Isc) | 2,93 A | 5,68 A | 5,72 A  | 6,54 A |

\*Values under STC conditions  
(E= 1000W/m<sup>2</sup>, T<sub>c</sub>=25 °C, AM=1,5)

### Temperature Characteristics

|   |                |
|---|----------------|
| Temperature Coefficient (Pmax)            | -0,24 %/°C     |
| Temperature Coefficient (Voc)             | -0,25 %/°C     |
| Temperature Coefficient (Isc)             | -0,06 %/°C     |
| Operating Temperature                     | -40 °C ~ 85 °C |
| NOCT (Nominal Operating Cell Temperature) | 45 ± 2 °C      |

### Technical Specifications

|                              |                  |                  |                  |                  |
|------------------------------|------------------|------------------|------------------|------------------|
| Dimensions (L x W x H) in mm | 1230 x 520 x 4,3 | 1100 x 680 x 4,3 | 1550 x 530 x 4,3 | 1565 x 650 x 4,3 |
| Weight                       | 3,65 kg          | 4,15 kg          | 4,55 kg          | 5,6 kg           |
| Cell Technology              | SunPower Maxeon  |                  |                  |                  |
| Cell Efficiency              | 24 %             |                  |                  |                  |
| Number of Bypass Diodes      | 2                |                  |                  |                  |
| Surface Material             | ETFE             |                  |                  |                  |
| Flexibility                  | 30 %             |                  |                  |                  |
| Maximum System Voltage       | 600 V DC         |                  |                  |                  |
| Maximum Series Fuse Rating   | 5 A              |                  |                  |                  |
| Connection Cable             | 2 m              |                  |                  |                  |

### Warranty and Safety

|                       |  |
|-----------------------|--|
| Junction Box          | IP 67                                    |
| Wind Load             | 2400 Pa                                  |
| Snow Load             | 5400 Pa                                  |
| Manufacturer Warranty | 5 years                                  |
| Performance Warranty  | 3 years – at least 90 % of nominal power |