



# SOLRIF D series

# Terracotta Orange

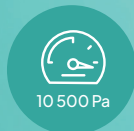
⚡ 300 W

🇪🇺 Made in the EU

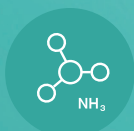
3,2+3,2 mm glass



Fire class A



10 500 Pa  
Extreme load resistance



NH<sub>3</sub>  
Ammonia resistance



50 mm  
Hail resistance class 5



98 %  
recyclable



35 %  
of recycled glass content

**30** Product & Efficiency Guarantee  
YEAR

**90%** POWER WARRANTY



THE FIRST AND ONLY IN THE WORLD

## Electrical data (STC\*)

|                                      |                           |
|--------------------------------------|---------------------------|
| Maximum power (W)                    | 300                       |
| Cell technology                      | N type, TOPCon - bifacial |
| Open circuit voltage ( $V_{oc}/V$ )  | 34,82                     |
| Short circuit current ( $I_{sc}/A$ ) | 10,53                     |
| Max power voltage ( $V_{mpp}/V$ )    | 29,71                     |
| Max power current ( $I_{mpp}/A$ )    | 10,10                     |
| Module efficiency (n)                | 14,87 %                   |
| Max system voltage (V)               | 1500                      |
| Max current (A)                      | 30                        |
| Power tolerance                      | 0/+5W                     |

\*Under standard test conditions (STC) of irradiance of 1000W/sq.m., spectrum AM1.5 and cell temperature of 25°C. Flash testing measurement accuracy of +/-5%.

## Warranty

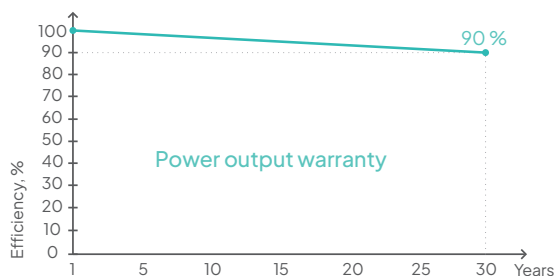
30 years product warranty

30 years efficiency warranty

First year degradation (%) 1

Annual degradation (%) 0,31

Power in year 30 (%) 90



## Certifications

IEC 61215:2021; IEC 61730:2016

Cradle to Cradle (C2C) Gold level

EN 13501-5 Broof (t1)

IEC 62716:2013 Ammonia corrosion testing

IEC 61701:2020 Salt mist corrosion testing

IEC 61215-2:2021 50 mm hailstone - Hail resistance class 5 (HW5)

ISO 9001:2015 Quality management systems

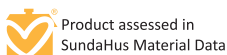
ISO 14001:2015 Environmental management systems

ISO 45001:2018 Occupational health and safety

SundaHus A level assessment

Produced using 100% renewable energy

Membership at Svensk Solenergi

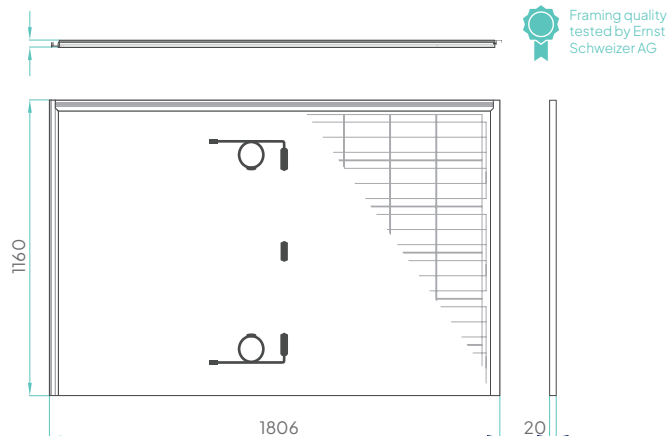


## Temperature ratings

|  |              |
|--|--------------|
| Current temperature coefficient ( $\alpha$ ) | +0,045% / °C |
| Voltage temperature coefficient ( $\beta$ )  | -0,250% / °C |
| Power temperature coefficient ( $\delta$ )   | -0,300% / °C |
| Nominal operating module temperature         | 46 °C        |

## Mechanical data

|   |                           |
|---|---------------------------|
| Dimensions (LxWxH) (mm)                     | 1806x1160x20              |
| Grid dimensions (LxW) (mm)                  | 1788x1128                 |
| Weight (kg)                                 | 35                        |
| Front glass (mm)                            | 3,2, color RAL 8023, TVG  |
| Back glass (mm)                             | 3,2, black, TVG           |
| Cell Size (mm)                              | 182,2x105                 |
| Busbars                                     | 16                        |
| Cell configuration                          | 6x16                      |
| Frame                                       | Solrif D, RAL 8007        |
| Rated operating altitude (m)                | Up to 2000                |
| Operating temperature (°C)                  | -40 ÷ +85                 |
| Maximum test load (wind/snow) (Pa)          | 3600/10500                |
| Junction box / IP class                     | Split junction box / IP68 |
| Cable cross section size (mm <sup>2</sup> ) | 4                         |
| Cable length (m)                            | 1,2                       |
| Bypass diodes                               | 3                         |
| Connector                                   | MC4-EVO2                  |



## Packing information

|                                     |                |
|-------------------------------------|----------------|
| Modules per pallet (pcs)            | 25             |
| Dimensions of a pallet (LxWxH) (mm) | 1899x1203x1070 |
| Weight of a pallet (gross) (kg)     | 1040           |
| Pallets per 13,6 m truck (pcs)      | 23             |
| Modules per 13,6 m truck (pcs)      | 575            |

