SoliTek

# SOLRIF D series

# Terracota

## Bronze



370 W

Made in the EU

3,2+3,2 mm glass

Fire class A

10 500 Pa

Extreme load resistance

$NH_3$

Ammonia resistance

50 mm

Hail resistance class 5

98 %

98 % recyclable

GL

35 %

35% of recycled glass content

**30** YEAR Product & Efficiency Guarantee

**90%** POWER WARRANTY

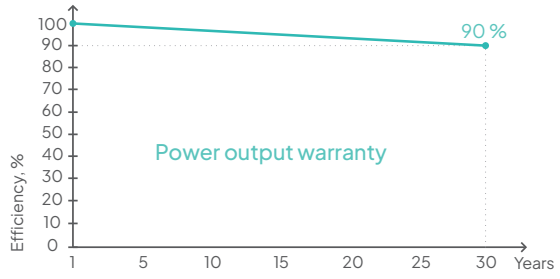
## Electrical data (STC*)

| | |
|---|---|
| Maximum power (W) | 370 |
| Cell technology | N type, TOPCon - bifacial |
| Open circuit voltage ($V_{OC}$/V) | 34,82 |
| Short circuit current ($I_{SC}$/A) | 13,00 |
| Max power voltage (Vmpp/V) | 29,71 |
| Max power current (Impp/A) | 12,46 |
| Module efficiency (n) | 18,34 % |
| 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 measurment 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 | |
| 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 | |

Product assessed in SundaHus Material Data

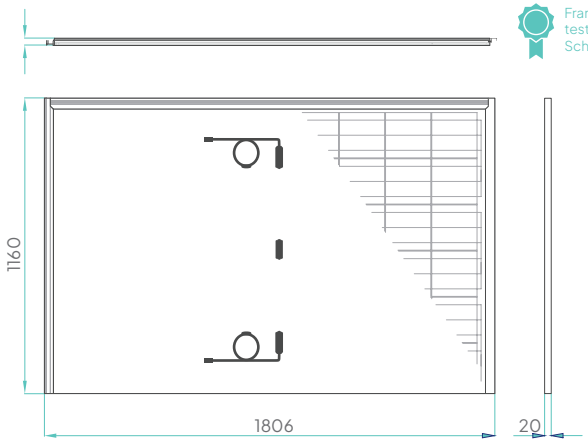
PRODUCED USING 100% RENEWABLE ENERGY

## Temperature ratings

| | |
|---|---|
| Current temperature coefficient (˜ ) | +0,045% / °C |
| Voltage temperature coefficient (° ) | -0,250% / °C |
| Power temperature coefficient (˛ ) | -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 8007, 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 ($mm^2$) | 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 |

SoliTek

This datasheet is not legally binding. The manufacturer reserves the right to make changes to product specifications and / or product features without prior notice. The most recent versions of all documents (T&C's, datasheets, warranties and installation manuals) can always be found on our website at www.solitek.eu

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