



80Wp

# CIGS Solar Panel

One solar technology, multiple possibilities, numerous benefits

## Product Data Sheet - Transportation

Rev.: 05/24

**Item No.:** 8000195080  
**80Wp – Solar Panel**

Our solar panels maximise energy production while minimising environmental impact by using a thin-film technology called copper-indium-gallium-selenide (CIGS). These flexible panels not only ensure efficient and reliable power production but also provide significant fuel and CO<sub>2</sub> savings.

With an ultra-light and slim design that is only 3 mm thick (20 mm junction box), our panels weigh less than 3,5 kg pr m<sup>2</sup> when installed with glue. This lightweight design makes it possible to install on different surfaces without compromising on performance.

### 25-year performance guarantee

The guarantee entails at least 90% of the original production capacity after 10 years and 80% after 25 years.

### Product Data

MAX. POWER P <sub>MPP</sub>	80Wp
TOLERANCE	-0/+5W
VOLTAGE AT NOM. POWER V <sub>MPP</sub>	20,84V
CURRENT AT NOM. POWER I <sub>MPP</sub>	3,85A
OPEN CIRCUIT VOLTAGE V <sub>OC</sub>	26,27V
SHORT CIRCUIT CURRENT I <sub>SC</sub>	4,44A
MAX. SYSTEM VOLTAGE IEC	1000V
MAX. SERIAL FUSE RATING	10A
TEMPERATURE COEFFICIENT V <sub>OC</sub>	-0.36%/°C
TEMPERATURE COEFFICIENT I <sub>SC</sub>	0.008%/°C
TEMPERATURE COEFFICIENT P <sub>MPP</sub>	-0.4%/°C
TEMPERATURE RANGE	-40 to +85°C
MAX. MECHANICAL LOAD	2400 PA, 245 Kg/m <sup>2</sup>
CERTIFICATION	IEC EN61730 + EN61215
SAFETY CLASS	II



  
 Installation Video

