

55Wp HV

# CIGS Solar Panel

One solar technology, multiple possibilities, numerous benefits

## Product Data Sheet - Transportation

Rev.: 06/24

Item No.: 21002

### 55Wp – High Voltage 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 2,4 kg pr m<sup>2</sup> when installed with adhesive. This lightweight design makes it possible to install on different surfaces without compromising on performance.

### 25-year performance guarantee

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

### Product Data

MAX. POWER $P_{MPP}$	55Wp
TOLERANCE	0/+5W
VOLTAGE AT NOM. POWER $V_{MPP}$	27,15V
CURRENT AT NOM. POWER $I_{MPP}$	2,03A
OPEN CIRCUIT VOLTAGE $V_{OC}$	33,04V
SHORT CIRCUIT CURRENT $I_{SC}$	2,28A
MAX. SYSTEM VOLTAGE IEC	1000V
MAX. SERIAL FUSE RATING	10A
TEMPERATURE COEFFICIENT $V_{OC}$	-0.36%/°C
TEMPERATURE COEFFICIENT $I_{SC}$	0.008%/°C
TEMPERATURE COEFFICIENT $P_{MPP}$	-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

