

75Wp

# CIGS Solar Panel

One solar technology, multiple possibilities, numerous benefits

## Product Data Sheet – Construction

Rev.: 06/24

### Item No.: 8000753098 75Wp – Solar Panel

Our efficient and aesthetic solar solution for the construction industry maximises energy production while minimising environmental impact. Utilising an advanced thin-film technology called copper-indium-gallium-selenide (CIGS), these flexible panels not only deliver efficient and reliable power, but also support sustainable construction.

With an ultra-light and slim design that is only 3 mm thick and weighs less than 3.5 kg per m<sup>2</sup>, our panels can be seamlessly integrated into various building structures without compromising on performance. They add aesthetic value and provide a green energy solution that is ideal for both new builds and renovations.

### 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 $P_{MPP}$	75Wp
TOLERANCE	-0/+5W
VOLTAGE AT NOM. POWER $V_{MPP}$	36V
CURRENT AT NOM. POWER $I_{MPP}$	2,13A
OPEN CIRCUIT VOLTAGE $V_{OC}$	45,5V
SHORT CIRCUIT CURRENT $I_{SC}$	2,37A
MAX. SYSTEM VOLTAGE IEC	1000V
MAX. SERIAL FUSE RATING	10A
TEMPERATURE COEFFICIENT $V_{OC}$	-0.38%/°C
TEMPERATURE COEFFICIENT $I_{SC}$	0.008%/°C
TEMPERATURE COEFFICIENT $P_{MPP}$	-0.4%/°C
TEMPERATURE RANGE [°C]	-40 to +85
MAX. MECHANICAL LOAD	2400 PA, 245 Kg/m <sup>2</sup>
CERTIFICATION	IEC EN61730 + EN61215
SAFETY CLASS	II



Installation Video

