

150Wp

CIGS Solar Panel

One solar technology, multiple possibilities, numerous benefits

Product Data Sheet – Construction

Rev.: 06/24

Item No.: 80001503098 150Wp – 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 m², 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}	150Wp
TOLERANCE	-0/+5W
VOLTAGE AT NOM. POWER V_{MPP}	36V
CURRENT AT NOM. POWER I_{MPP}	4,26A
OPEN CIRCUIT VOLTAGE V_{OC}	45,5V
SHORT CIRCUIT CURRENT I_{SC}	4,74A
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 ²
CERTIFICATION	IEC EN61730 + EN61215
SAFETY CLASS	II

 Installation Video