

55Wp

CIGS Solar Panel

One solar technology, multiple possibilities, numerous benefits

Product Data Sheet - Transportation

Rev.: 06/24

Item No.: 21001

55Wp – 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 CO₂ 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 m² 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}	14,27V
CURRENT AT NOM. POWER I_{MPP}	3,79A
OPEN CIRCUIT VOLTAGE V_{OC}	16,5V
SHORT CIRCUIT CURRENT I_{SC}	4,47A
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 ²
CERTIFICATION	IEC EN61730 + EN61215
SAFETY CLASS	II

[Installation Video](#)