



High performance photovoltaic modules

60 cells / polycrystalline photovoltaic module

25
YEARS

Warranty

Key features:

10 YEARS
Warranty
10 years manufacturer's warranty

Wp
Positive power tolerance is
Guaranteed (0 to 5 Wp)

Performance
Excellent low light performance

IP67
Excellent outstanding
weather-resistance

5400 Pa
Maximum 5400 Pa snow load

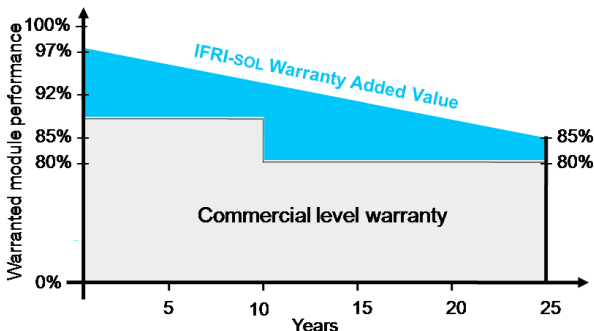
2400 Pa
Maximum 2400 Pa wind load



Linear high performance guarantee

10 years manufacturer's guarantee on 92 % of the nominal performance¹

25 years manufacturer's guarantee on 85 % of the nominal performance¹



IEC 61215
IEC 61730
ID 000039715

Management system TÜV-Certified
DIN ISO 9001:2008
ID 9102077424

¹According to the IFRI-SOL Product and Performance Guarantee

Electrical specification

Module type	Nominal power P _{mpp}	Nominal voltage U _{mpp}	Nominal current I _{mpp}	Open circuit voltage U _{oc}	Short circuit current I _{sc}	Module conversion efficiency
IFRI250-60	250 Wp	31.38V	7.95A	37.560V	8.50A	15.28%
IFRI255-60	255 Wp	31.77V	8.08A	37.84V	8.62A	15.58%
IFRI260-60	260 Wp	32.05V	8.10A	38.10V	8.65A	15.89%
IFRI270-60	270 Wp	32.58V	8.35A	38.34V	8.81A	16.50%

Electrical data at STC (STANDARD TEST CONDITIONS): 1000W/m² irradiance, 25°C cell temperature, AM1.5g spectrum according to EN 60904-3,

Design

Frontglass	3.2mm high transmittance and white glass
Encapsulant	E.V.A
Cell	60 polycrystalline high efficiency 156mm*156mm
Backside	Composite film (white, black, ...)
Frame	35mm anodized aluminum (Silver/Black)

Limit values

System voltage	1000VDC
NOCT	47±2°C
Rated current	16A
Operating temperature	From -40°C to 85°C
Maximum load	2400N/m ²

Mechanical specification

Dimensions (H×W ×D)	1649mm × 992mm × 35mm
Weight	19Kg

Temperature coefficients

Voltage U _{oc}	-0.330%/°C
Current I _{sc}	+0.058%/°C
Output power	-0.410%/°C

Power connection

Junction box	IP67 junction box with 3 bypass diodes
Cable solar cable	Length 1000 mm , 4mm ² Prefabricated with MC4-combined plug
Applicaton class	Class A (according to IEC 61730)

Packaging specification

Dimensions (H×W ×D)	1660mm × 1100mm × 1160mm
Modules Qty per container 20"	360
Modules Qty per container 40"	840

Drawings

