

## High Performance Photovoltaic modules

### 48 Cell / polycrystalline photovoltaic module

### Key Features :



10 years manufacturer's warranty.



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



Excellent low light performance.



Excellent outstanding Weather-resistance.



Maximum 5400 Pa snow load.



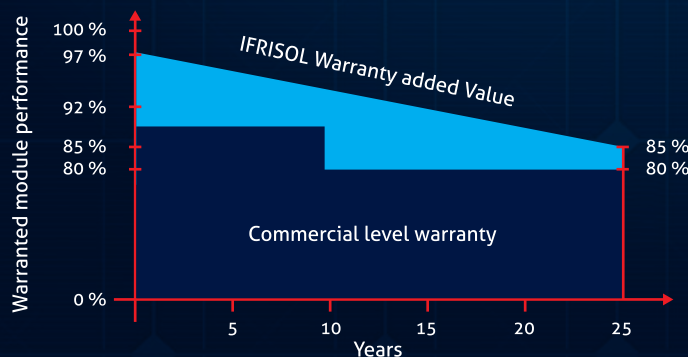
Maximum 2400 Pa wind load.



### Linear high performance guarantee

10 years manufacturer's guarantee on 92% of the nominal performance.<sup>1</sup>

25 years manufacturer's guarantee on 85% of the nominal performance.<sup>1</sup>



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



<sup>1</sup> According to the IFRISOL Product and Performance Guarantee

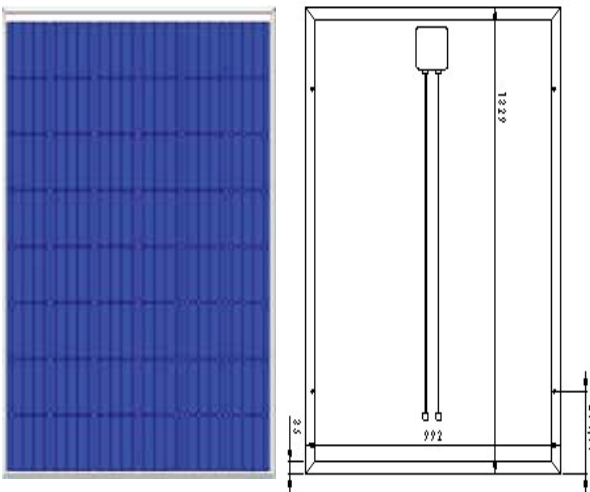
# Electrical SPECIFICATIONS

Module Type	IF-P205-48	IF-P210-48	IF-P215-48
Maximum Power (Pmax)	205Wp	210Wp	215Wp
Maximum Power Voltage (Vmp)	25.34V	25.63V	25.92V
Maximum Power Current (Imp)	8.10A	8.20A	8.30A
Open-circuit Voltage (Voc)	30.19V	30.38V	30.57V
Short-circuit Current (Isc)	8.65A	8.72A	8.78A
Module Efficiency STC (%)	15.54%	15.92%	16.30%
Operating Temperature(°C)		-40°C~+85°C	
Maximum system voltage		1000VDC (IEC)	
Maximum series fuse rating		16A	
Power tolerance		0~+3%	
Temperature coefficients of Pmax		-0.410%/°C	
Temperature coefficients of Voc		-0.330%/°C	
Temperature coefficients of Isc		0.058%/°C	
Nominal operating cell temperature (NOCT)		47±2°C	

STC: ☀ Irradiance 1000W/m<sup>2</sup> 🌡 Cell Temperature 25°C

☁ AM=1.5g

## Engineering Drawings



## Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm
No.of cells	48 (6×8)
Dimensions	1329×992×35mm
Weight	14.0 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	4.0mm <sup>2</sup> , Length: 1000mm

## Packaging Configuration

1350 x 1085 x 1140mm  
 30pcs/ pallet, 480 pcs/20' Container  
 30pcs/ pallet, 960 pcs/40' Container



www.ifrisol.solar



Industrial Zone Diet - 4030 - ENFIDHA - Tunisia.  
 Tel : (+216) 73 381 853 | Fax : (+216) 73 381 854  
 E-Mail : sales@ifrisol.solar