

# FVG 36 MONOCRYSTALLINE

**Silicon-wafer Monocrystalline photovoltaic module with power peak from 25 W to 60 W**

## APPLICATIONS



12V stand-alone systems  
(or multiples)

The FVG 36 modules are ideal for stand-alone systems, public and private lighting, survey and data transmission systems, road signs, telecommunication and other specific applications

## FEATURES



Excellent performances even during low solar radiation (cloudiness, morning or evening)



Solar-grade tempered prismatic glass



Heavy load mechanical resistance: TÜV certified (5.400 Pa tested against snow and 2.400 Pa test against wind)



Strict and continuous quality controls during all the production phases up to shipment



A-grade solar cells



## ITALIAN WARRANTY

Standard 3 years warranty on materials and manufacturing defects

# FVG 36 MONOCRYSTALLINE

## ELECTRICAL FEATURES

Type	Model	xxx Rated Power [W]			STC
		25	40	60	
<b>FVG 36</b>	<b>FVG-xxM*</b>				
Power Peak	Pm (W)	25	40	60	
Maximum Power Voltage	Vm (V)	18.05	18.05	18.05	
Maximum Power Current	Im (A)	1.39	2.25	3.33	
Open Circuit Voltage	Voc (V)	22.40	22.40	22.40	
Short Circuit Current	Isc (A)	1.70	2.50	3.65	
Maximum System Voltage	(VDC)	600			
Max-Series Fuse	(A)	5			
Operating/Storage Temp.	(°C)	- 40 ~ + 85			
Dielectric Insulation Voltage	(VDC)	1800 max			
Code Standard Edition	MFM	50540	50550	50560	
Code Certified Version of IEC	MFM	50541	50551	50561	

STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25 °C, AM=1.5  
Power measurement tolerance: ± 5%

## MECHANICAL FEATURES

Cell Size	(mm)	125x38	125x62.50	125x87
Number of cells		36 cells - monocrystalline silicon		
Front Glass		tempered glass		
Frame		anodized aluminum alloy		
Junction box		solder terminals or cables and MC3 or MC4 connectors		

## TEMPERATURE CHARACTERISTICS - STC

NOCT - Nominal Operating Cell Temperature	(°C)	45 ± 2
Pm Temperature Coefficient	(%/°C)	- 0.45
Voc Temperature Coefficient	(%/°C)	- 0.35
Isc Temperature Coefficient	(%/°C)	0.05

## JUNCTION BOXES



### TÜV CERTIFIED

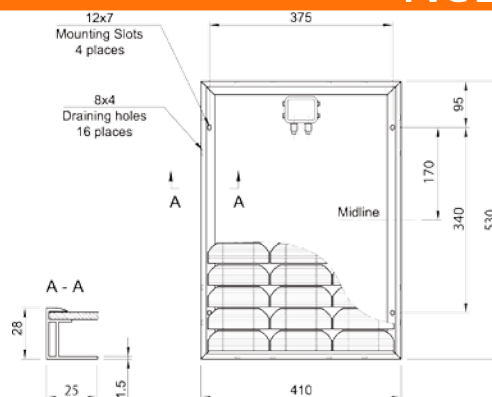
Strong and reliable with 2 by-pass diodes. High performance IP67 connectors guarantee maximum safety and duration over time to maximise the power generated by the modules. Modules in IEC\*\* certified version.



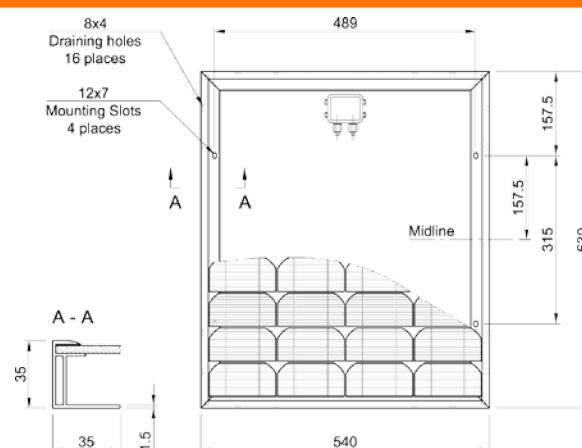
### STANDARD

With two cable fasteners for cable up to 6 mm diameter (cables not included).

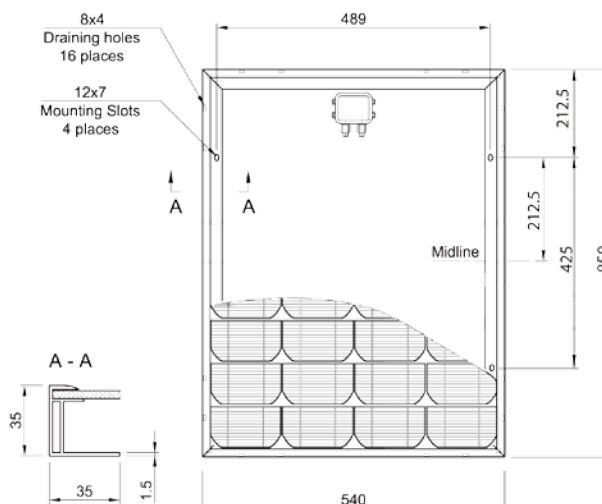
## FVG 25M



## FVG 40M



## FVG 60M



\* xxx suffix indicates Rated Power [W]  
\*\* IEC certified version on request