



7 LAYERS TECHNOLOGY



# TECHNICAL SPECIFICATION

## FLY SOLARTECH MONOCRYSTALLINE FLEXIBLE PHOTOVOLTAIC MODULES DOUBLE PRISMATIC WITH ETFE FRONTSHEET & PET BACKSHEET

ELECTRICAL PARAMETERS	FLY-EU-90P	FLY-EU-168P
Peak Power [ $P_{max}$ ]	90 W	168 W
Max. Power Voltage [ $V_{mp}$ ]	21,12 V	19,51 V
Max. Power Current [ $I_{mp}$ ]	4,39 A	8,91 A
Open Circuit Voltage [ $V_{oc}$ ]	25,64 V	23,11 V
Short Circuit Current [ $I_{sc}$ ]	4,67 A	9,40 A
Module Efficiency	13,57%	13,57%
Power Output Tolerance	-3%/+3%	
Max. System Voltage	1000 V	
Normal Operating Cell Temperature (NOCT)	45 °C	
Max. Series Fuse Rating	15 A	
By-pass Diodes (Qty.)	1	
TEMPERATURE COEFFICIENTS		
$I_{sc}$	0,034 %/°C	
$V_{oc}$	-0,314 %/°C	
$P_{MAX}$	-0,336 %/°C	
MECHANICAL PARAMETERS		
Cell Type	Monocrystalline Si	
Cell Qty.	40	
Junction Box IP Grade	IP65	
Cables	2m Solar Cable Ø 2,5 mm <sup>2</sup>	
Module Thickness	2 mm	
Junction Box Thickness	10 mm	
Weight	1,61 kg	
Dimensions (W/H)	520 x 1275 mm	708 x 1555 mm
Bending Radius	5 m	
Hole Diameter	10 mm	
COLOUR		
Backsheet	White	
Cells	Dark Blue	
<b>*Standard test conditions (STC): incident sunlight of 1000 W/m<sup>2</sup>, cell temperature of 25°C, 1.5 AM</b>		

FLY SOLARTECH SOLUTIONS SRL - Piazza C. Cattaneo 6 - Via del Monte 5 - 33038 San Daniele del Friuli - Udine - Italia

Per ulteriore assistenza, contatta il nostro servizio clienti:

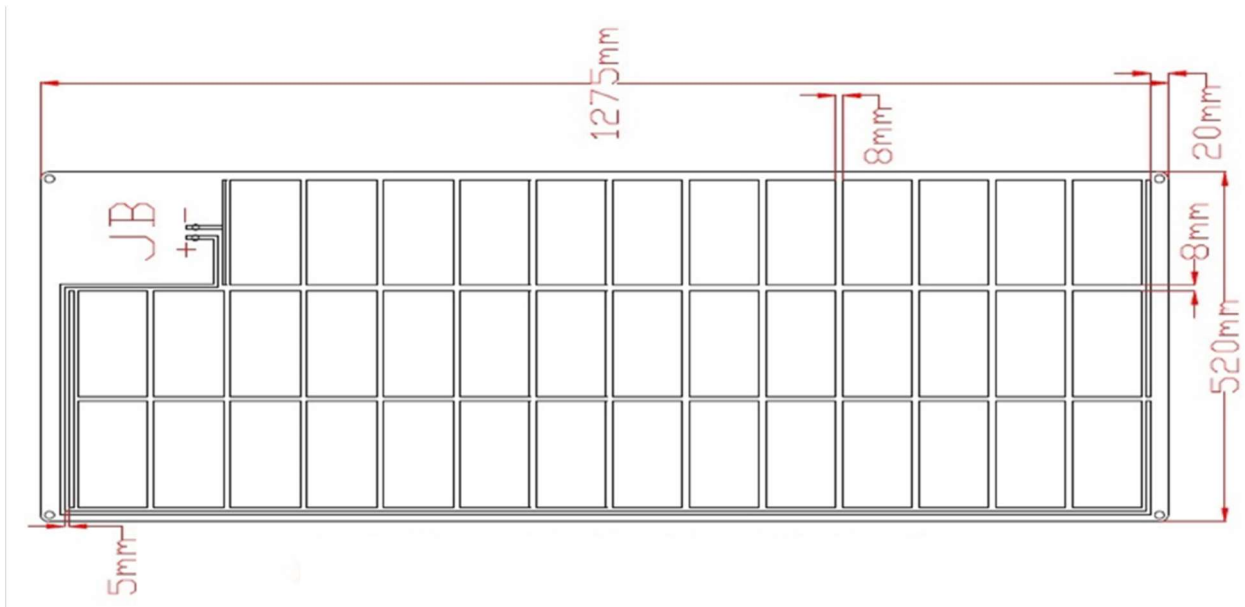
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IMAGES:

FLY-EU-90P



FLY-EU-168P

