MONO 140W 18V FLEXIBLE PHOTOVOLTAIC PANEL [1090×700mm]

REGULAR RANGE

PRODUCT CODE
5PANELPV140

EAN
5904100451265

CATEGORY
Photovoltaic panels and accessories

SUBCATEGORY
MONO FLEX photovoltaic panels (monocrystalline - flexible)

PRODUCT PAGE
voltpolska.pl/produkty/panel-fotowoltaiczny-elastyczny-mono...



ABOUT THE PRODUCT

MONO FLEX is a flexible monocrystalline panel covered with a matt PET film and laminated EVA film. The waterproof construction makes the panel suitable for installation in photovoltaic systems.

The panel has undergone tests for electrical insulation, resistance to external conditions, UV radiation, moisture, temperature changes, hail impact, mechanical loads and durability. A hot spot test (Hot-spot) was also performed. The outer coating is ETFE, and the protection class is IP65.

TECHNICAL SPECIFICATIONS

Electrical Parameters (STC)	**Maximum power (Pmax)**	140 W
	Power tolerance	± 3%
	Open-circuit voltage (Voc)	22,46 V
	Voltage at maximum power (Vmp)	18,72 V
	Current at maximum power (Imp)	7,48 A
	Short-circuit current (Isc)	8,08 A
Efficiency and Protection	**Module efficiency**	18,3%
	Solar cell efficiency	22%
	Rated fuse current	10 A
	Maximum voltage of the panel system	1000 V DC
	Protection class	IP65

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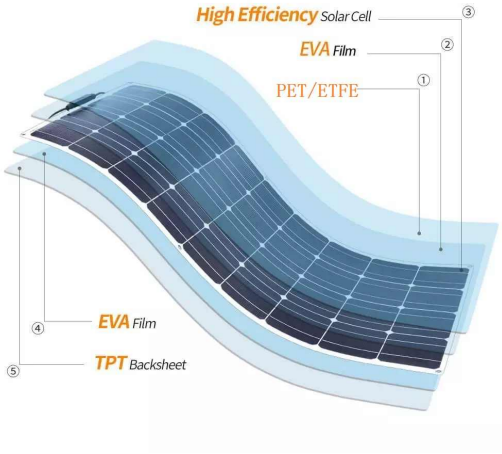
TECHNICAL SPECIFICATIONS - CONTINUED

Mechanical Parameters and Operating Environment	**Outer coating**	ETFE
	Operating temperature range	-40°C ~ +85°C
	Dimensions	1090 x 700 x 4 mm (or 3 mm according to the table)
	Net weight	3,6 kg
	Unit packaging dimensions	1100 x 720 x 35 mm
	Unit packaging weight	3,8 kg

PRODUCT GALLERY





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