POLI 140W 18V PHOTOVOLTAIC PANEL [1335×540×30mm] + CABLE MC4 90cm [FRAME]

REGULAR RANGE

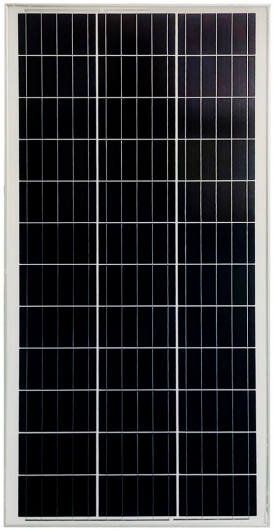
PRODUCT CODE
5PVPOLI140

EAN
5903760240950

CATEGORY
Photovoltaic panels and accessories

SUBCATEGORY
POLI photovoltaic panels (polycrystalline)

PRODUCT PAGE
voltpolska.pl/produkty/panel-fotowoltaiczny-poli-140w-18v-13...



ABOUT THE PRODUCT

POLI 140W 18V photovoltaic panel with a frame measuring 1335×540×30mm and a MC4 cable with a length of 90cm. The bypass diode used optimises current flow in the event of shading, while the cell conversion efficiency exceeds 18%.

The panel is coated with matte PET film and laminated EVA film. The construction is waterproof and intended for installation in systems.

The product has undergone tests for electrical insulation, resistance to external conditions, hot-spot effect, UV radiation, temperature changes, hail impact, moisture, strength and mechanical loads.

TECHNICAL SPECIFICATIONS

Electrical Parameters (STC)	**Maximum power (Pmax)**	140 W
	Power tolerance	± 3%
	Open-circuit voltage (Voc)	22,03 V
	Voltage at maximum power (Vmp)	18,36 V
	Current at maximum power (Imp)	7,63 A
	Short-circuit current (Isc)	8,24 A
Performance and Protection	**Module efficiency**	19,4%
	Solar cell efficiency	18,8%
	Rated fuse current	10 A
	Maximum voltage of the panel system	1000 V DC
	Protection class	IP65

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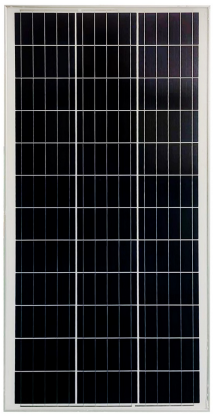
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TECHNICAL SPECIFICATIONS - CONTINUED

Mechanical Parameters and Operating Environment	**Operating temperature range**	-40°C ~ +85°C
	Overall dimensions	1330 x 540 x 30 mm
	Panel frame dimensions	20 mm
	Net weight	8,5 kg

PRODUCT GALLERY





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