POLI 180W 18V PHOTOVOLTAIC PANEL [1480×670×35mm] + CABLE MC4 90cm [FRAME]

REGULAR RANGE

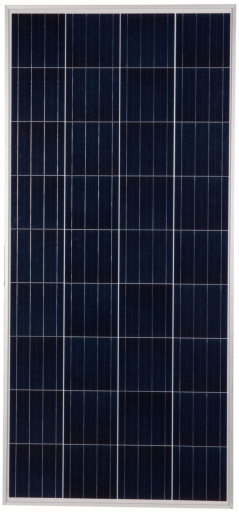
PRODUCT CODE
5PVPOLI180

EAN
5903760240967

CATEGORY
Photovoltaic panels and accessories

SUBCATEGORY
POLI photovoltaic panels (polycrystalline)

PRODUCT PAGE
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ABOUT THE PRODUCT

The POLI 180W 18V polycrystalline panel with a bypass diode optimises current flow in the event of shading. The cell conversion efficiency is above 18%.

The panel is coated with a matt PET film and laminated EVA film. The W set includes a MC4 cable with a length of 90cm and a frame.

The product is waterproof and intended for installation in systems. W As part of quality control, tests are carried out for electrical insulation, resistance to external conditions, hot-spot effect, UV radiation, temperature changes, hail impact, moisture and mechanical loads.

TECHNICAL SPECIFICATIONS

Electrical Parameters (STC)	**Maximum power (Pmax)**	180 W
	Power tolerance	± 3%
	Open-circuit voltage (Voc)	22,03 V
	Voltage at maximum power (Vmp)	18,36 V
	Current at maximum power (Imp)	9,8 A
	Short-circuit current (Isc)	10,59 A
Efficiency and Protection	**Module efficiency**	18,2%
	Solar cell efficiency	19,4%
	Rated fuse current	15 A
	Maximum photovoltaic panel system voltage	1000 V DC
	Protection class	IP63

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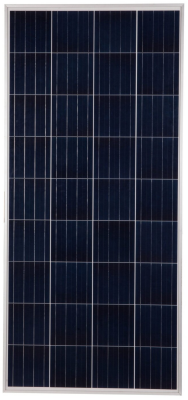
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TECHNICAL SPECIFICATIONS - CONTINUED

Mechanical Parameters and Operating Environment	**Operating temperature range**	-40°C ~ +85°C
	Overall dimensions	1480 x 670 x 35 mm
	Panel frame dimensions	30 mm
	Net weight	9,8 kg
	Unit packaging dimensions	1495 x 50 x 685 mm
	Unit packaging weight	11,2 kg

PRODUCT GALLERY





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