POLY 110W 18V PHOTOVOLTAIC PANEL [1016×670×30mm] + CABLE MC4 90cm [FRAME]

REGULAR RANGE

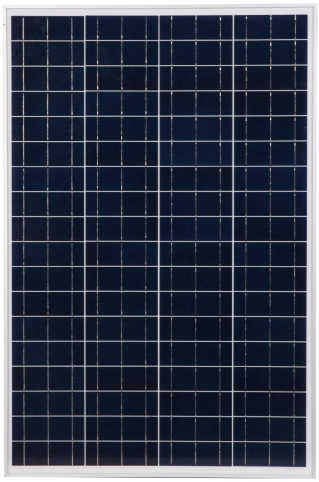
PRODUCT CODE
5PVPOLI110

EAN
5903760240431

CATEGORY
Photovoltaic panels and accessories

SUBCATEGORY
POLY (polycrystalline) photovoltaic panels

PRODUCT PAGE
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ABOUT THE PRODUCT

The POLY 110W 18V photovoltaic panel with a frame and a MC4 cable of 90 cm length is intended for photovoltaic installations. The bypass diode used optimises current flow in the event of shading.

The panel is covered with a matt PET film and laminated EVA film. The construction is waterproof and suitable for operation in photovoltaic 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)**	110 W
	Power tolerance	± 3%
	Open-circuit voltage (Voc)	22,03 V
	Voltage at maximum power (Vmp)	18,36 V
	Current at maximum power (Imp)	5,99 A
	Short-circuit current (Isc)	6,47 A
Efficiency and Protection	**Module efficiency**	16,2%
	Solar cell efficiency	18,8%
	Fuse rated current	10 A
	Maximum voltage of the panel system	1000 V DC
	Protection class	IP63

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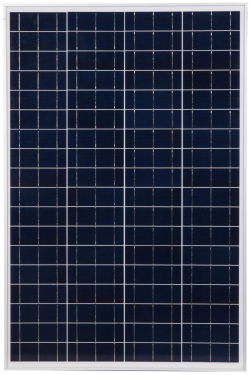
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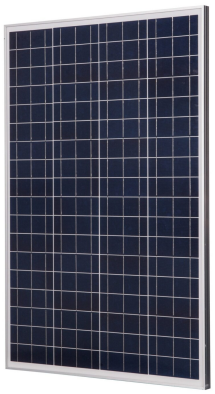
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TECHNICAL SPECIFICATIONS - CONTINUED

Mechanical Parameters and Operating Environment	**Operating temperature range**	-40°C ~ +85°C
	Overall dimensions	1016 x 670 x 30 mm
	Panel frame dimensions	25 mm
	Net weight	6,9 kg

PRODUCT GALLERY





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