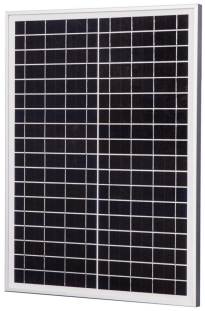
POLI 20W 18V PHOTOVOLTAIC PANEL [465x350x17mm] + CABLE 5m

LIMITED DISTRIBUTION



PRODUCT CODE
5PVPOL020W

EAN
5903760240905

CATEGORY
Photovoltaic panels and accessories

SUBCATEGORY
POLI photovoltaic panels (polycrystalline)

PRODUCT PAGE
voltpolska.pl/produkty/poli-20w-18v-panel-fotowoltaiczny-465...

ABOUT THE PRODUCT

POLI 20W 18V photovoltaic panel intended for installation in photovoltaic systems. The W set includes a cable with a length of 5 m. The polycrystalline panel is equipped with a bypass diode, which optimizes current flow in the event of shading.

The panel surface is covered with a matte PET film and laminated EVA film. The construction is waterproof, and the cell conversion efficiency is above 18%.

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

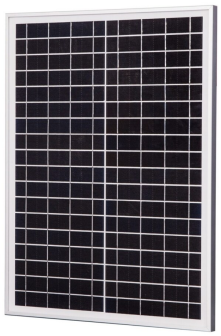
TECHNICAL SPECIFICATIONS

Electrical Parameters (STC)	**Maximum power (Pmax)**	20 W
	Power tolerance	± 3%
	Open-circuit voltage (Voc)	22,03 V
	Voltage at maximum power (Vmp)	18,36 V
	Current at maximum power (Imp)	1,09 A
	Short-circuit current (Isc)	1,76 A
Performance and Protection	**Module efficiency**	12,3%
	Solar cell efficiency	17%
	Rated fuse current	5 A
	Maximum photovoltaic system voltage	1000 V DC
	Protection class	IP63

TECHNICAL SPECIFICATIONS - CONTINUED

Mechanical Parameters and Operating Environment	**Operating temperature range**	-40°C ~ +85°C
	Dimensions	400 x 350 x 17 mm according to the label (catalogue sheets specify 465 x 350 x 17 mm)
	Weight	1,4 kg
	Outer packaging dimensions	425 x 305 x 385 mm
	Master packaging weight	16,8 kg

PRODUCT GALLERY



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