MONO 100W 18V FLEXIBLE PHOTOVOLTAIC PANEL [1020×540mm]

REGULAR RANGE

PRODUCT CODE
5PANELPV120

EAN
5903760240868

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 photovoltaic panel with a maximum power of 100 W and a voltage of 18 V. The construction is covered with a matt PET film and laminated EVA film.

The panel is waterproof and intended for installation in systems requiring a flexible photovoltaic module. The external ETFE coating and protection class IP65 provide protection against moisture and external conditions.

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

TECHNICAL SPECIFICATIONS

Electrical Parameters (STC)	**Maximum power (Pmax)**	100 W
	Power tolerance	± 3%
	Open-circuit voltage (Voc)	22,46 V
	Voltage at maximum power (Vmp)	18,72 V
	Current at maximum power (Imp)	5,34 A
	Short-circuit current (Isc)	5,77 A
Efficiency and Protection	**Module efficiency**	18,2%
	Solar cell efficiency	21,6%
	Nominal fuse current	10 A
	Maximum photovoltaic system voltage	1000 V DC
	Protection class	IP65

VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

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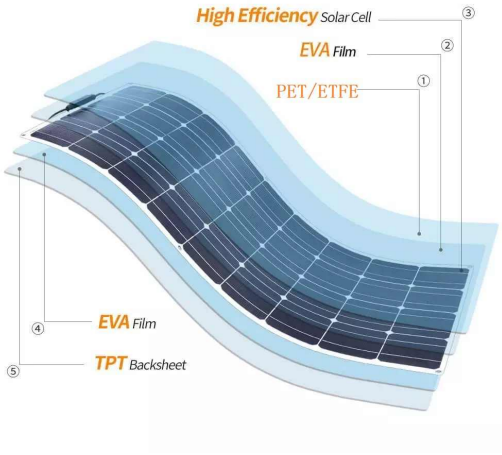
TECHNICAL SPECIFICATIONS - CONTINUED

Mechanical Parameters and Operating Environment	**External coating**	ETFE
	Operating temperature range	-40°C ~ +85°C
	Dimensions	1080 x 540 x 4 mm
	Net weight	2,13 kg
	Dimensions of the individual package	1030 x 555 x 28 mm
	Weight of the individual package	2,9 kg

PRODUCT GALLERY





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