MONO 280W 36V PHOTOVOLTAIC PANEL [1365×1015×35mm] + CABLE MC4 90cm [FULL BLACK]

REGULAR RANGE

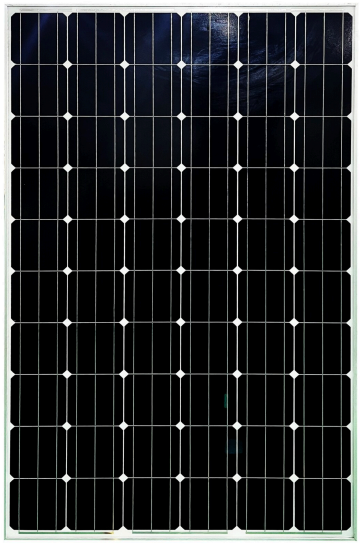
PRODUCT CODE
5PVRMON28B

EAN
5904100451753

CATEGORY
Photovoltaic panels and accessories

SUBCATEGORY
MONO photovoltaic panels (monocrystalline)

PRODUCT PAGE
voltpolska.pl/produkty/panel-fotowoltaiczny-mono-280w-36v...



ABOUT THE PRODUCT

MONO monocrystalline photovoltaic panel 280W 36V with laminated EVA film, in the Full Black version. The waterproof construction is designed for installation in photovoltaic systems. The set includes a MC4 cable with a length of 90 cm.

The panel has undergone tests for electrical insulation, resistance to external conditions, UV radiation, moisture, temperature changes and hail impact, as well as hot-spot, strength and mechanical load resistance tests.

TECHNICAL SPECIFICATIONS

Electrical parameters (STC)	**Maximum power (Pmax)**	280 W
	Power tolerance	± 3%
	Open-circuit voltage (Voc)	44,92 V
	Voltage at maximum power (Vmp)	37,44 V
	Current at maximum power (Imp)	7,47 A
	Short-circuit current (Isc)	8,96 A
Performance and protection	**Module efficiency**	20,2%
	Solar cell efficiency	22%
	Nominal fuse current	15 A
	Maximum photovoltaic system voltage	1000 V DC
	Protection class	IP63

VOLT POLSKA Sp. z o.o.

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

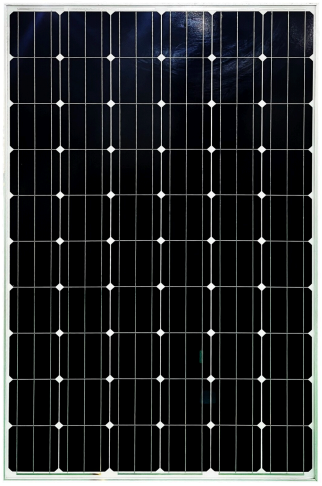
voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

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TECHNICAL SPECIFICATIONS - CONTINUED

Mechanical parameters and operating environment	**Operating temperature range**	-40°C ~ +85°C
	Overall dimensions	1365 x 1015 x 35 mm
	Panel frame dimensions	30 mm
	Net weight	16,5 kg
	Dimensions of the individual package	1380 x 50 x 1030 mm
	Weight of the individual package	18 kg

PRODUCT GALLERY





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