

Code: SP-KIT-2X50/26/PWM

SOLAR KIT **SP-KIT-2X50/26/PWM** 225 Wh

Net: **211.29 EUR** Gross: **211.29 EUR**

The SP-KIT-2X50/26/PWM solar kit consists of 2 solar panels, a controller, a battery and connection cables with connectors. The kit allows you to power small devices such as LED lighting, weather station, garden irrigation controller, etc.



SPECIFICATION

In the kit:	• 2 solar panels 50 W, • Battery 26 Ah, • Solar Charge Controller - 20 A, PWM, • Connecting cables : 2 x 10 m, • MC4 connectors - 2 pcs
Theoretical daily energy production (for Poland):	225 Wh
Guarantee:	2 years

Solar Panel:

Maximum power:	50 W
Maximum Power Current (I_{mp}):	2.99 A
Maximum Power Voltage (V_{mp}):	16.7 V
Short-circuit Current (I_{sc}):	3.51 A
Open-circuit Voltage (V_{oc}):	19.7 V
Length of the cables:	2 x 0.65 m
Cell Type:	Monocrystalline
Panel Structure:	Flexible
Color:	White
Weight:	1.73 kg
Dimensions:	670 x 515 x 15 mm
Manufacturer / Brand:	SolarFam

Solar Charge Controller:

Regulation Type:	PWM
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DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

Rated voltage:	12 / 24 V
Rated current:	30 A
Input voltage:	≤ 23 V for 12 V battery ≤ 46 V for 24 V battery
Battery charging current:	max. 30 A
Load Current:	max. 10 A
Main features:	• 2 x USB power output : 5 V / 2.5 A, • The device is designed to charge only AGM, gel and lead-acid batteries, • LCD display, • LED diodes indicating the device operation status, • Operation modes : - 24H - the load is powered all the time - 1H ... 23H - the load is powered for the selected number of hours after sunset - 0H - the load is powered from dusk till dawn
Weight:	0.13 kg
Dimensions:	134 x 70 x 30 mm

Battery:

Battery capacity:	26 Ah
Rated voltage:	12 V
Battery charging current:	max. 7.8 A
Connector:	M5 screw
Battery type:	Maintenance-free AGM (Absorbent Glass Mat) battery
Battery lifetime:	8 ... 10 years
Weight:	7.12 kg
Dimensions:	175 x 125 x 166 mm
Manufacturer / Brand:	V-PRO

Connecting cable:

Inner conductor:	4.0 mm ² - Stranded wire Cu - Tin-plated
Rated voltage:	600 V / 1000 V AC 1800 V DC
Outer coating:	Ø 5.0 mm - Non-halogen plastic
Main features:	• UV radiation resistance • Ozone resistance • Hydrolysis resistance • Resistant to oils and aggressive chemicals • Flame resistance (according to VDE 0482-332-2, DIN EN 60332-1) • The insulating layer is made of halogen-free material, which does not produce aggressive fumes during combustion • Increased mechanical strength of the outer coating • Expected lifetime : 25 years

MC4 connector:

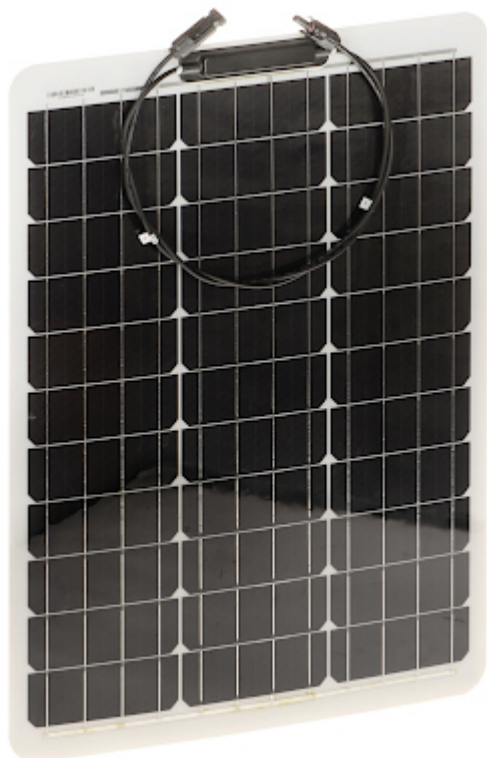
Connector type:	MC4 - set (M + F) / Crimping
Rated voltage:	1000 V
Rated current:	30 A
Material:	Plastic + Metal
Color:	Black
Application:	Solar installations
"Index of Protection":	IP67
Flammability class:	UL94-VO



Weight:	0.022 kg
Dimensions:	Ø 19 x 87 mm

PRESENTATION

Solar Panel:



Solar Charge Controller:



Connectors:



Battery:



MC4 connector:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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