

Code: SP-KIT-4X110/100/MPPT+BT

SOLAR KIT **SP-KIT-4X110/100/MPPT+BT** 1190 Wh

The SP-KIT-4X110/100/MPPT+BT kit was selected for owners of camper-vans, caravans or holiday homes without access to the power grid. The kit consists of 4 solar panels with a power of 110W each, a charging controller with a Bluetooth module, a battery with a capacity of 100Ah and connection cables with connectors.



In the kit:	• 4 solar panels 110 W, • Battery 100 Ah, • Solar Charge Controller - 30 A, MPPT, • Connecting cables : 2 x 10 m, • MC4 connectors - 2 pcs
Theoretical daily energy production (for Poland):	1190 Wh
Guarantee:	2 years

Solar Panel:

Maximum power:	110 W
Maximum Power Current (I_{mp}):	5.54 A
Maximum Power Voltage (V_{mp}):	19.86 V
Short-circuit Current (I_{sc}):	5.71 A
Open-circuit Voltage (V_{oc}):	23.7 V
Length of the cables:	2 x 0.6 m
Cell Type:	Monocrystalline
Panel Structure:	Flexible
Color:	Black

Weight:	1.77 kg
Dimensions:	1150 x 510 x 15 mm
Manufacturer / Brand:	SolarFam

Solar Charge Controller:

Regulation Type:	MPPT
Rated voltage:	12 / 24 V
Rated current:	30 A
Input voltage:	≤ 20 ... 60 V for 12 V battery ≤ 30 ... 90 V for 24 V battery
Battery charging current:	max. 30 A
Load Current:	max. 30 A
Main features:	• The device is designed to charge AGM, gel, LiFePO₄ and lead-acid batteries, • LCD display, • LED diodes indicating the device operation status, • Bluetooth module
Weight:	0.83 kg
Dimensions:	150 x 105 x 68 mm
Manufacturer / Brand:	SRNE

Battery:

Battery capacity:	100 Ah
Rated voltage:	12 V
Battery charging current:	max. 30 A
Connector:	M8 screw
Battery type:	Maintenance-free AGM (Absorbent Glass Mat) battery
Battery lifetime:	8 ... 10 years
Weight:	27.6 kg
Dimensions:	330 x 171 x 214 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
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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