

Code: SP-KIT-2X100/65/MPPT-LCD

SOLAR KIT **SP-KIT-2X100/65/MPPT-LCD** 540 Wh

The SP-KIT-2X100/65/MPPT-LCD kit was selected for owners of camper-vans, caravans or holiday homes without access to the power grid. The kit consists of 2 solar panels with a power of 110W each, a charging controller, a battery with a capacity of 65Ah and connecting cables with connectors.



In the kit:	<ul style="list-style-type: none"> • 2 solar panels 100 W, • Battery 65 Ah, • Solar Charge Controller - 20 A, MPPT, • Connecting cables : 2 x 10 m, • MC4 connectors - 2 pcs
Theoretical daily energy production (for Poland):	540 Wh
Guarantee:	2 years

Solar Panel:

Maximum power:	100 W
Maximum Power Current (I_{mp}):	4.46 A
Maximum Power Voltage (V_{mp}):	22.4 V
Short-circuit Current (I_{sc}):	4.97 A
Open-circuit Voltage (V_{oc}):	26.4 V
Length of the cables:	2 x 0.45 m
Cell Type:	Polycrystalline
Panel Structure:	Rigid in an aluminum frame



DATA SHEET

Weight:	5.96 kg
Dimensions:	1190 x 450 x 30 mm
Manufacturer / Brand:	SolarFam

Solar Charge Controller:

Regulation Type:	MPPT
Rated voltage:	12 / 24 V
Rated current:	20 A
Input voltage:	20 ... 60 V for 12 V battery 30 ... 90 V for 24 V battery
Battery charging current:	max. 20 A
Load Current:	max. 20 A
Main features:	<ul style="list-style-type: none">• The device is designed to charge AGM and gel batteries only,• LCD display,• LED diodes indicating the device operation status
Weight:	1.41 kg
Dimensions:	177 x 175 x 93 mm
Manufacturer / Brand:	AZO Digital

Battery:

Battery capacity:	65 Ah
Rated voltage:	12 V
Battery charging current:	max. 19.5 A
Connector:	M6 screw
Battery type:	Maintenance-free AGM (Absorbent Glass Mat) battery
Battery lifetime:	8 ... 10 years
Weight:	19.1 kg
Dimensions:	345 x 165 x 177 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:	<ul style="list-style-type: none">• 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