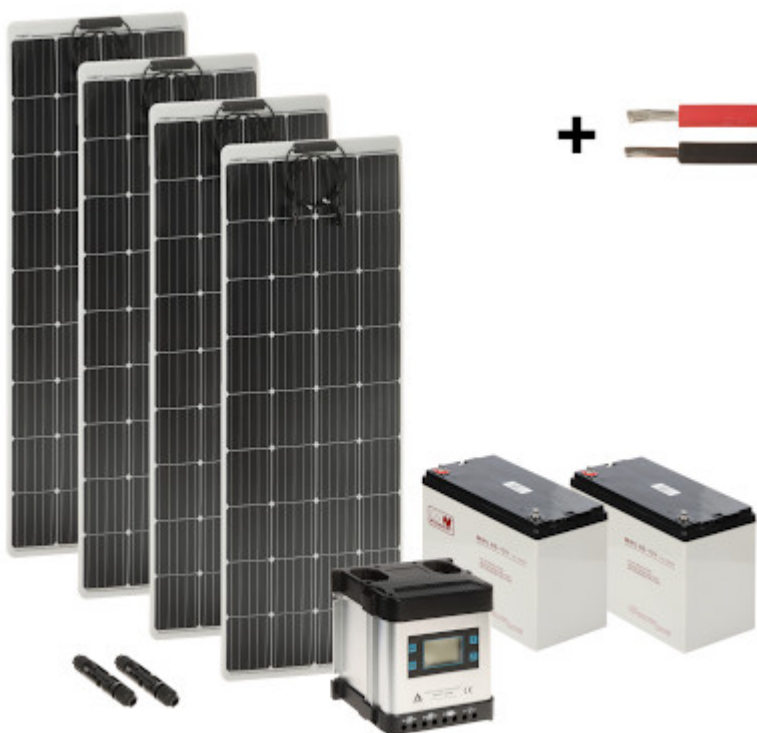


Code: SP-KIT-4X160/2X80/MPPT-LCD

SOLAR KIT **SP-KIT-4X160/2X80/MPPT-LCD** 1730 Wh

The SP-KIT-4X160/2X80/MPPT-LCD 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 160W each, a charging controller, 2 batteries with a capacity of 80Ah each and connection cables with connectors.



In the kit:	• 4 solar panels 160 W, • 2 batteries 80 Ah, • Solar Charge Controller - 20 A, MPPT, • Connecting cables : 2 x 10 m, • MC4 connectors - 2 pcs
Theoretical daily energy production (for Poland):	1730 Wh
Guarantee:	2 years

Solar Panel:

Maximum power:	160 W
Maximum Power Current (I_{mp}):	8.79 A
Maximum Power Voltage (V_{mp}):	18.2 V
Short-circuit Current (I_{sc}):	9.31 A
Open-circuit Voltage (V_{oc}):	21.5 V
Length of the cables:	2 x 0.65 m
Cell Type:	Monocrystalline
Panel Structure:	Flexible
Weight:	5.16 kg



DATA SHEET

Dimensions:	1510 x 670 x 15 mm
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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:	• 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:	80 Ah
Rated voltage:	12 V
Battery charging current:	max. 24 A
Battery type:	Maintenance-free AGM (Absorbent Glass Mat) battery
Battery lifetime:	10 ... 12 years
Weight:	23.4 kg
Dimensions:	350 x 167 x 174 mm

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



DATA SHEET

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