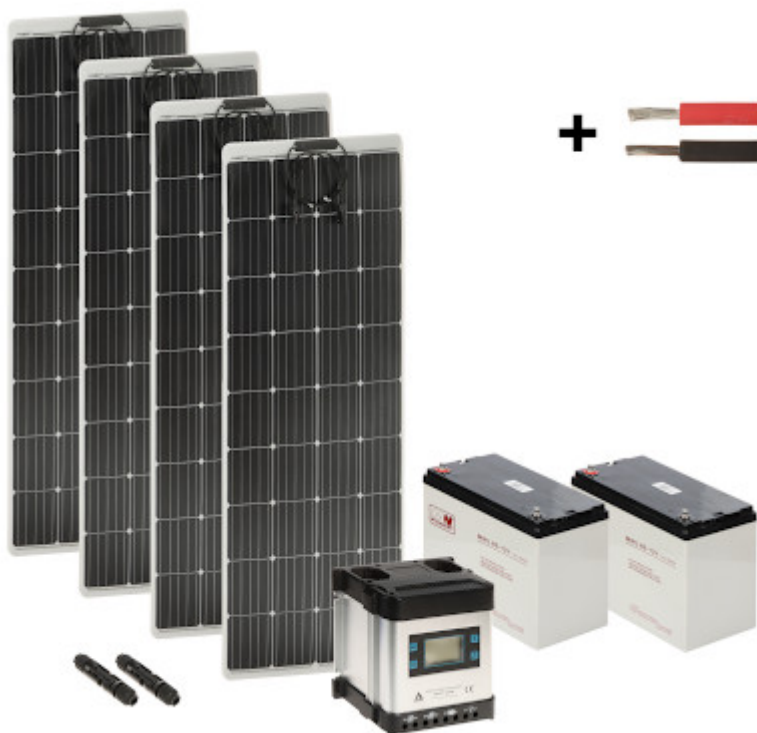


Code: SP-KIT-4X160/2X80/MPPT-LCD

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

Net: 5 254.09 PLN Gross: 5 254.09 PLN

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.



### SPECIFICATION

In the kit:	<ul style="list-style-type: none"><li>• 4 solar panels 160 W,</li><li>• 2 batteries 80 Ah,</li><li>• Solar Charge Controller - 20 A, MPPT,</li><li>• Connecting cables : 2 x 10 m,</li><li>• MC4 connectors - 2 pcs</li></ul>
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
Dimensions:	1510 x 670 x 15 mm
Solar Charge Controller:	
Regulation Type:	MPPT
Rated voltage:	12 / 24 V

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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"> <li>• The device is designed to charge AGM and gel batteries only,</li> <li>• LCD display,</li> <li>• LED diodes indicating the device operation status</li> </ul>
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 <sup>2</sup> - 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"> <li>• UV radiation resistance</li> <li>• Ozone resistance</li> <li>• Hydrolysis resistance</li> <li>• Resistant to oils and aggressive chemicals</li> <li>• Flame resistance (according to VDE 0482-332-2, DIN EN 60332-1)</li> <li>• The insulating layer is made of halogen-free material, which does not produce aggressive fumes during combustion</li> <li>• Increased mechanical strength of the outer coating</li> <li>• Expected lifetime : 25 years</li> </ul>

#### 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:



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Solar Charge Controller:



Connectors:





Battery:



MC4 connector:



## PACKAGE

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