Solar panels with integrated charger

SOLmini 12V, 24V and 48V
for offgrid electric power supply

Suitable for Pb, PB.gel and AGM batteries

Function:

◆ Intelligent Solar Panel for 12V, 24V or 48V Pb, Pb-gel or AGM battery systems
◆ Built-in charge controller with modern PWM charging algorithm
◆ Effectively protects the battery from being overcharged
◆ Parallel operation with other SOLminis to increase power
◆ Connected through a fuse directly to the battery

Energy anywhere:

◆ Agriculture
◆ Leisure, Camping & Outdoor
◆ Garages (door-openers) power supplies
◆ Security technology
◆ Golf carts and more

Solar system SOLmini briefly:

◆ Universal, compact and rugged solar power system
◆ Modern integrated PWM charge controller inside the junction box
◆ Protection class IP65 suitable for the toughest environmental conditions
◆ Extremely wide operating temperature range -25 ° C... 85 ° C
◆ High integration and reliability
◆ Stain resistant tempered solar glass
◆ Robust aluminum frame with mounting holes on the backside
◆ ENGINEERED AND MADE IN GERMANY

Technical data SOLmini 12V, 24V and 48V:

Item / Module	SOLmini-5W-12V	SOLmini-15W-12V	SOLmini-25W-12V	SOLmini-40W-12V
Charge current (max)	0,29A	0,86A	1,45A	ca. 2,3A
Fuse rating (max)	ca. 1 Ampere	ca. 2,5 Ampere	ca. 2,5 Ampere	ca. 4 Ampere
Dimensions ca.(mm)	250 x 236	465 x 255	434 x 552	646 x 460
Weight (ca.)	1000g	1540g	3510g	3800g
Item / Module	SOLmini-20W-24V	SOLmini-50W-24V	SOLmini-80W-24V	SOLmini-75W-48V
Charge current (max)	ca. 0,57A	ca. 1,73A	ca. 2,78A	ca. 1,57A
Fuse rating (max)	ca. 1,6 Ampere	ca. 3 Ampere	ca. 4 Ampere	ca. 3 Ampere
Dimensions ca. (mm)	620 x 278	640 x 680	1000 x 680	1200 x 600
Weight (ca)	2500g	5300g	8300g	12500g

Recommended accessories:

* Car battery terminals (plug and play)
* Cable extensions and T-junctions for easy paralleling (plug and play)

Other customized models and solutions on request