



Flexible and Efficient Sunny Island Charger 50

Charge regulator

Unbeatably high efficiency and a broad DC input range make the Sunny Island Charger 50 the ideal charge regulator for nearly any photovoltaic module. Integrated MPP tracking consistently ensures the highest energy yield. And with its low weight and automatic controls via the Sunny Island, installation and commissioning is as easy as child's play.

Highlights

- Active MPP tracking
- Efficiency > 98 %
- Three voltage levels: 12 V/24 V/ 48 V
- Modular and easily expandable
- Operation and configuration via the Sunny Island
- 5-year product warranty*

TECHNICAL DATA

SMA	SI Charger 50
System voltage (V)	12/24/48
Max. input current (A)	40/40/40
Max. load output current (A)	50/50/50
Ambient temperature (°C)	-25...+60
Protection rating (IP)	65
Width (mm)	421
Height (mm)	310
Depth (mm)	143
Weight (kg)	10
Article number	3600100141

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- Easy installation and commissioning
- Robust housing in protection class IP65 for indoor and outdoor use

Your IBC SOLAR partner:

* Product and power warranty in accordance with the version of the full warranty conditions received from your IBC SOLAR partner at the time of installation. This warranty is valid only when the relevant product is installed in accordance with the applicable installation instructions. Subject to modifications that represent progress.