



## Maximum output thanks to tracking Solarix MPPT

Solar charge regulators

The Solarix MPPT is a solar charge regulator with maximum power point tracking (MPPT). The MPP tracker keeps searching for the module's optimal operating point. This maximizes the system output, achieving levels 15-30 percent higher than the output with conventional charge regulators. The device is particularly well suited in conjunction with solar modules that are usually intended for use in grid-connected system, enabling you to use standard modules. The intelligent battery and load management ensures that the battery is not overcharged or discharged, which in turn ensures a long service life. As a result, the Solarix MPPT offers full performance under all operating conditions, as well as professional battery maintenance combined with a modern design and electronic protection functions.

### Highlights

- Maximum power point tracker (MPP tracker)
- Battery and load management
- Maximum efficiency of 98%
- Multifunction LED display shows all operating conditions
- Electronic protection functions:
  - Overcharge protection
  - Deep-discharge protection
  - Polarity reversal protection

## TECHNICAL DATA

Steca Solarix	MPPT 2010	MPPT 1010
System voltage (V)	12/24	12/24
Max. input current (A)	18	9
Max. load output current (A)	10	10
max. input voltage	100	75
Nominal power	250 / 500	125 / 250
max. efficiency	>98	> 98
Deep discharge protection	11.5 / 23	11.5 / 23
Reconnection voltage	12.5 / 25	50.412.5 / 25
Compensating charging	14.7 / 29.4	14.7 / 29.4
Boost charge	14.4 / 28.8	57.614.4 / 28.8
Night light function (yes/no)	JA EINGESCHRÄNKT	JA EINGESCHRÄNKT
Data logger (yes/no)	NO	NO
Self consumption (mA)	10<10	10<10
Ambient temperature (°C)	-25...+40	-25...+40
Terminal size single (mm <sup>2</sup> )	25	2525 MM <sup>2</sup>
Protection rating (IP)	IP 32	IP 32
Width (mm)	153	153
Height (mm)	187	187
Depth (mm)	68	68
Weight (kg)	0.9	0.9
Article number	5000500002	5000500055

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■ Accessories:    Remote control            5000500054  
                           External temperature sensor    5000500017

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.