

SOLAR CHARGE REGULATOR

PR regulator 10A / 15A / 20A / 30A



Safety features

- electronic fuse
- protection against overcurrent, overvoltage and overtemperature
- protection against wrong polarity and short circuit

Comfort

- self explaining graphical LC display
- operation status and detailed error report
- regulation depending on state of charge
- short-circuit proofed
- proofed for open-circuit operation
- automatic voltage adaptation

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Your advantages at a glance

- final voltage depending on battery's state of charge (SOC) and temperature-adjusted
- optimised float, boost, equalisation charging
- varied charging rates provide complete use of battery capacity and maximum life
- automatic adaptation of system voltage (12 V or 24 V) on installation
- battery's state of charge provides load disconnect, warning of imminent load disconnect
- graphical self explaining LC-display: battery's SOC and voltage as well as current => all values are displayed as digits and can be selected through a button
- operation status and detailed error report

Options

- external temperature sensor
- digital multifunctional alarm output
- prepayment function for prepayment systems

Technical data

	PR 1010	PR 1515	PR 2020	PR 3030
with LCD				
max. charge current at 50°C	10 A	15 A	20 A	30 A
max. load current at 50°C	10 A	15 A	20 A	30 A
max. admissible current			110%	
max. overcurrent (disconnection after 1s)			125%	
max. self consumption			12 mA	
admissible ambient temperature			-10°C...+50°C	
connection terminal (fine/single wire)			16/25 mm ²	
weight			350 g	
dimensions LxDxW			187x96x44 mm	
protection class			IP 22	
system voltage			12/24 V	

Subject to modifications that represent progress.

Type

PR 1010
PR 1515
PR 2020
PR 3030

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