

SOLAR CHARGE REGULATOR

Solarix 8A / 12A / 20A / 30A



Safety features

- protection against overcurrent, overvoltage and overtemperature
- protection against wrong polarity and short circuit
- extremely low electromagnetic emission

Comfort

- hybrid shunt regulator for fast and preventive battery charging (atonic)
- operating status diagnosis via LED's
- 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

- self-learning algorithm giving detailed information about the battery's charge state and adjusting to the battery's age and capacity
- adaptable for gel and lead acid accumulators
- internal temperature compensation
- protection class IP 22
- night light function
- temperature-adjusted battery's state of charge (SOC) and final voltage
- automatic adaptation of system voltage (12 V or 24 V) on installation
- two LEDs fixed/flashing, different colours providing details about SOC with 10 different colours and warning of load disconnect as well as operation status and faults
- load disconnect depending on SOC
- warning of imminent load disconnect
- optimised fast, medium and trickle charging
- varied charging rates provide complete use of battery capacity and maximum life
- electronic overcurrent protection avoids blowing the fuse except in case of wrong polarity

Technical Data

Alpha Gamma Sigma Omega

max. charge current at 50°C	8 A	12 A	20 A	30 A
max. load current at 50°C	8 A	12 A	20 A	30 A
max. self consumption		7 mA		
admissible ambient temperature		-25°C...+50°C		
connection terminal (fine/single wire)		16/25 mm ²		
weight		300 g		
dimensions LxDxW		188x106x49 mm		
protection class		IP 22		
system voltage		12/24 V		

Subject to modifications that represent progress.

Type

Solarix Alpha
Solarix Gamma
Solarix Sigma
Solarix Omega

Article number

50005SXALPHA
50005SXGAMMA
50005SXSIGMA
50005SXOMEGA

