

Charging regulator

PWM 30A 12/24V

Product code: R0255

30A

Rated current

PWM

Type

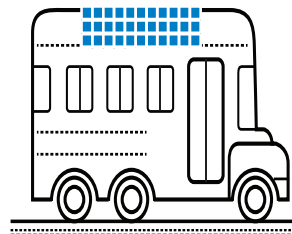
4sun®

TECHNICAL DATA

INDEX	R0255
MODEL	PWM 30A 12/24V
Nominal system voltage	12/24VDC Auto
Battery type	Sealed/Gel/Flooded
Rated charge current [A]	30
Rated discharge current [A]	30
Maximum PV open circuit voltage [V]	50
Absorption charge [V]	14,4/28,8
Float charge [V]	13,8/27,6
Load reconnection [V]	12,6/25,2
Load disconnection [V]	10,7/21,4
Own consumption	≤10mA
USB output	5V/2A
Warranty	2 years
Dimensions (L x W x H) [mm]	133x70x34
Weight (g)	121
Working temperature range	-20°C~+55°C

APPLICATION

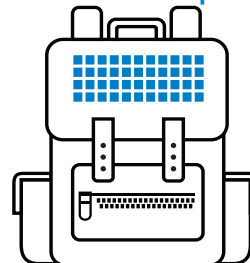
Solar Car



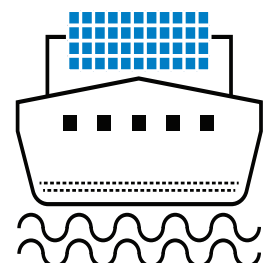
Solar Home



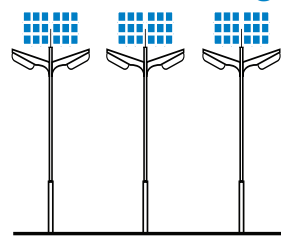
Solar Backpack



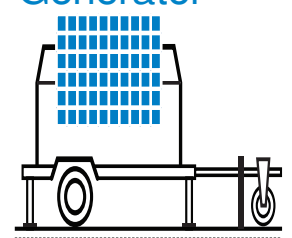
Solar Boat



Solar Street Light



Solar Power Generator



FUNCTIONS

- LCD display for clear monitoring of regulator operating parameters
- Adjustability of all parameters
- Built-in protection: short circuit, open circuit, reverse polarity, overload
- Dual MOSFET reverse current protection
- Low heat emission due to efficient components and PWM technology