

# Charging regulator

## MAXX 30A 12/24V LCD

Product code: R0285

30A

Rated current

MPPT

Type



### FUNCTIONS

- Optimizes charging by tracking the maximum power point, increasing the efficiency of the photovoltaic system.
- Ensures stable and safe operation
- Protects the system from overheating by adjusting the output power according to working conditions.
- Increases charging efficiency by converting excess voltage into higher current.
- Enables real-time monitoring and management of the photovoltaic system.

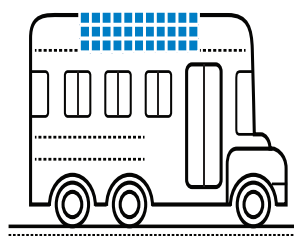
# 4sun®

### TECHNICAL DATA

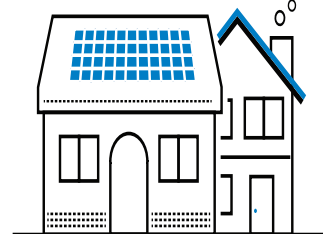
INDEX	R0285
MODEL	MAXX 30A 12/24V
Nominal system voltage	12/24VDC Auto
Battery type	Sealed/Gel/Flooded
Rated charge current [A]	30
Rated discharge current [A]	10
Maximum PV open circuit voltage [V]	75
Max. input power in 12V system [W]	390
Max. input power in 24V system [W]	780
Equalization charge [V]	14,6/29,2
Absorption charge [V]	14,4/28,8
Float charge [V]	13,8/27,6
Load reconnection [V]	12,6/25,2
Load disconnection [V]	10,8/21,6
Own consumption	≤50mA
Maximum charging efficiency	97%
MPPT highest accuracy	99%
Warranty	2 years
Dimensions (L x W x H) [mm]	194x145x60
Weight (g)	650
Working temperature range	-20°C~+55°C

### APPLICATION

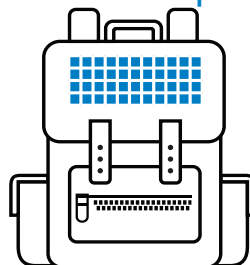
#### Solar Car



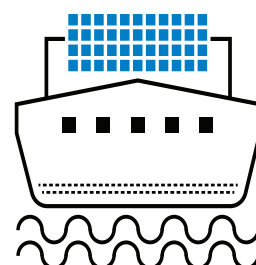
#### Solar Home



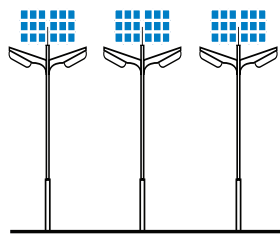
#### Solar Backpack



#### Solar Boat



#### Solar Street Light



#### Solar Power Generator

