# Charging regulator

**MAXX 15A 12/24V** 

Product code: R0259

15A

**MPPT** 

Rated current

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.
- The USB port in the MPPT controller provides a stable 5 V DC output for charging electronic devices.



TECHNICAL DATA	
INDEX	R0259
MODEL	MAXX 15A 12/24V
Nominal system voltage	12/24VDC Auto
Battery type	Sealed/Gel/Flooded
Rated charge current [A]	15
Rated discharge current [A]	10
Max. input power in 12V system [W]	195
Max. input power in 24V system [W]	390
Over load short circuit protection	>1.5 rated current
Over voltage protection [V]	16,0
Voltage of stop charging [V]	14,7
Disharge recovery voltage [V]	12,0
Over discharge voltage [V]	10,8
USB output	5V 1A
Own consumption	≤15mA
MPPT highest accuracy	99%
Terminals	4mm²
Working temperature range	-35°C∼+55°C
Dimensions (L x W x H) [mm]	130×100×33
Weight	2 <b>7</b> 5g
Warranty	2 years

### **APPLICATION**

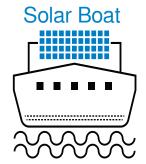
## Solar Car





# Solar Backpack





# Solar Street Light

