

# Charging regulator

## MAXX 20A 12/24V

Product code: R0260

20A

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

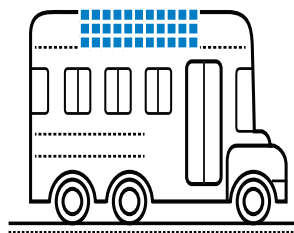
# 4sun®

### TECHNICAL DATA

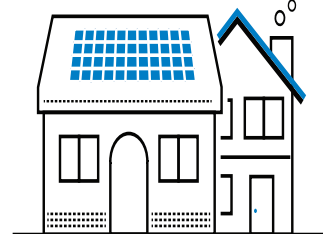
INDEX	R0260
MODEL	MAXX 20A 12/24V
Nominal system voltage	12/24VDC Auto
Battery type	Sealed/Gel/Flooded
Rated charge current [A]	20
Rated discharge current [A]	10
Max. input power in 12V system [W]	260
Max. input power in 24V system [W]	520
Over load short circuit protection	>1.5 rated current
Over voltage protection [V]	16,0
Voltage of stop charging [V]	14,7
Discharge recovery voltage [V]	12,0
Over discharge voltage [V]	10,8
USB output	5V 1A
Own consumption	≤15mA
MPPT highest accuracy	99%
Terminals	4mm <sup>2</sup>
Working temperature range	-35°C~+55°C
Dimensions (L x W x H) [mm]	130x100x33
Weight	300g
Warranty	2 years

### APPLICATION

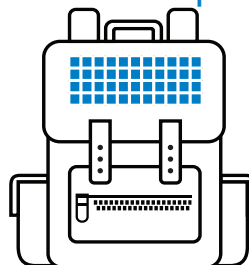
#### Solar Car



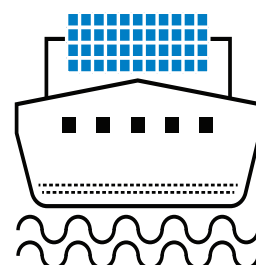
#### Solar Home



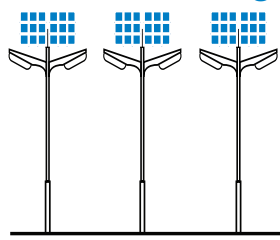
#### Solar Backpack



#### Solar Boat



#### Solar Street Light



#### Solar Power Generator

