

Charging regulator MAX40-EU 40A

Product code: R0011

40A

Rated current

PWM

Type



FUNCTIONS

- The product is designed to provide high reliability at low cost, making it ideal for 12V systems.
- The user can choose between different operating modes, including system mode and D2D (dusk-to-dawn), depending on application needs.
- Compatibility with AGM, liquid, or gel batteries, increasing adaptability to various systems.
- The regulator offers four charging modes (fast, boost, equalization, float) and features a fully automatic electronic protection function, enhancing system safety and efficiency.
- The product has two USB ports, allowing for external device charging and increasing its functionality.

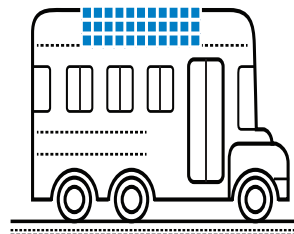
4sun®

TECHNICAL DATA

INDEX	R0011
MODEL	MAX40-EU 40A
Nominal system voltage	12/24 VDC Auto
Battery type	Liq., Gel, Acid, AGM
Maximum battery voltage [V]	35
Rated charging current [A]	40
Rated discharge current [A]	40
Maximum PV circuit voltage [V]	25/50
Charging voltage [V]	14,5
Low-voltage cut-off voltage [V]	11
Grounding	common positive
Self-consumption	8mA/12mA
Temperature compensation	-4,17mV/K per cell
Protection	IP32
Warranty	2 years
Maximum altitude [m]	4000
Dimensions (L x W x H) [mm]	189x96x53
Weight (g)	420
Temperature range	-20°C~+50°C

APPLICATION

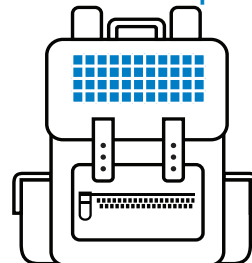
Solar Car



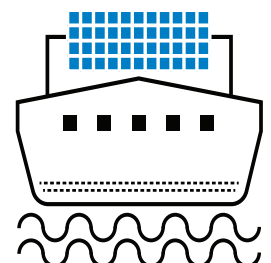
Solar Home



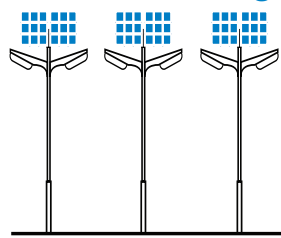
Solar Backpack



Solar Boat



Solar Street Light



Solar Power Generator

