

Charging regulator MC4010BT 40A

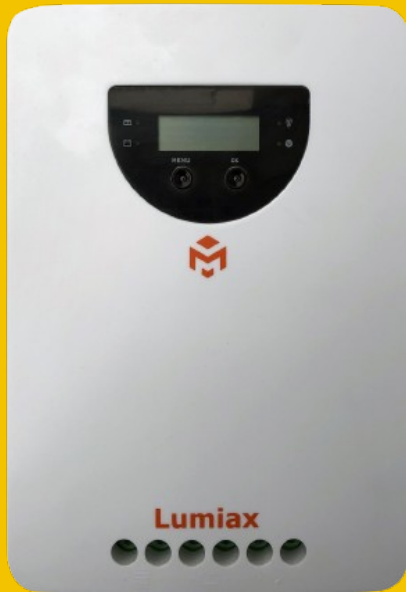
Product code: R0130

40A

Rated current

MPPT

Type



FUNCTIONS

- The device automatically detects whether the system operates at 12V or 24V, simplifying configuration.
- Protection against exceeding rated power and charging current increases system safety and reliability.
- Includes modes such as "Always On," "Street Light," and a user-defined mode, allowing customization to meet various needs.
- The LCD display allows for easy reading of operational data, working conditions, and real-time energy statistics, facilitating system management and monitoring.
- The device automatically recognizes the system voltage, whether 12V or 24V, making configuration easier.

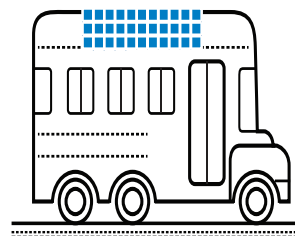
4sun®

TECHNICAL DATA

INDEX	R0130
MODEL	MC4010BT 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]	95
Charging voltage [V]	14,5
Low-voltage cut-off voltage [V]	11,2
Grounding	common negative
Self-consumption	≤12mA
Temperature compensation	-4,17mV/K per cell
Protection	IP32
Warranty	2 years
Maximum altitude [m]	4000
Dimensions (L x W x H) [mm]	196,5x 136,6x67,1
Weight (g)	1300
Temperature range	-20°C~+55°C

APPLICATION

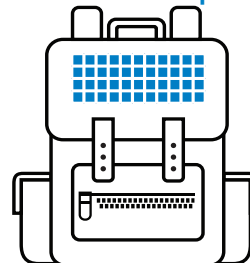
Solar Car



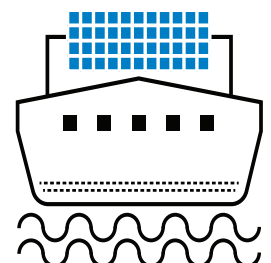
Solar Home



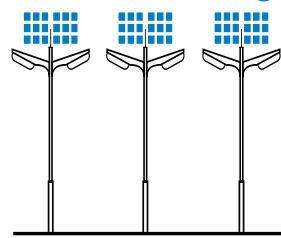
Solar Backpack



Solar Boat



Solar Street Light



Solar Power Generator

