

# Charging regulator MC6015BT 60A

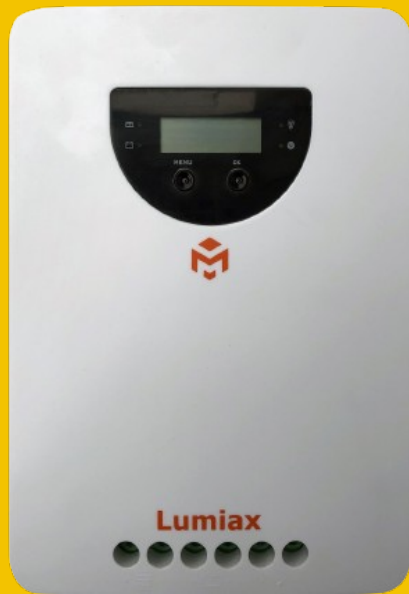
Product code: R0131

**60A**

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.

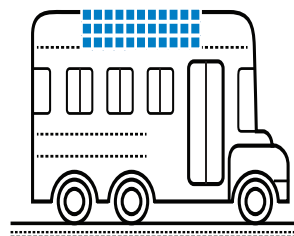
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## TECHNICAL DATA

INDEX	R0131
MODEL	MC6015BT 60A
Nominal system voltage	12/24/36/48 VDC Auto
Battery type	Liq., Gel, Acid, AGM
Maximum battery voltage [V]	65
Rated charging current [A]	60
Rated discharge current [A]	60
Maximum PV circuit voltage [V]	150
Charging voltage [V]	14,5
Low-voltage cut-off voltage [V]	11,2
Grounding	common negative
Self-consumption	≤16mA ; ≤12mA
Temperature compensation	-4,17mV/K per cell
Protection	IP32
Warranty	2 years
Maximum altitude [m]	4000
Dimensions (L x W x H) [mm]	262,5x 186,5x97,5
Weight (g)	3000
Temperature range	-20°C~+55°C

## APPLICATION

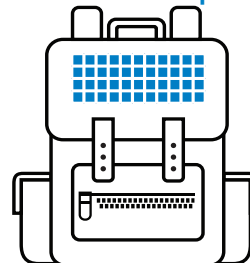
### Solar Car



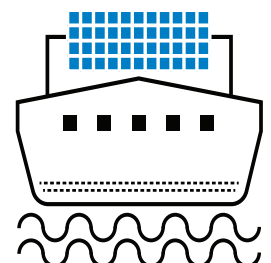
### Solar Home



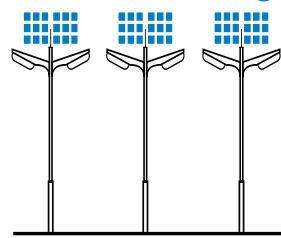
### Solar Backpack



### Solar Boat



### Solar Street Light



### Solar Power Generator

