

PRODUCT CATALOGUE

MPPT SOLAR CHARGE CONTROLLERS 2026



The Euro-MPPT Series brings high-efficiency maximum power point tracking to off-grid and hybrid solar systems. With automatic 12/24/36/48V system-voltage detection, and supports PV open-circuit voltages up to 150V. With rated charge currents from 40A to 100A, the series suits everything from small residential arrays to larger off-grid installations. A colour LCD, adjustable parameters, comprehensive protections, temperature compensation, and forced-air cooling deliver reliable, intelligent charge management, with standard RS485/RJ45 communication and optional Bluetooth monitoring.

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Industries

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Countries & Regions

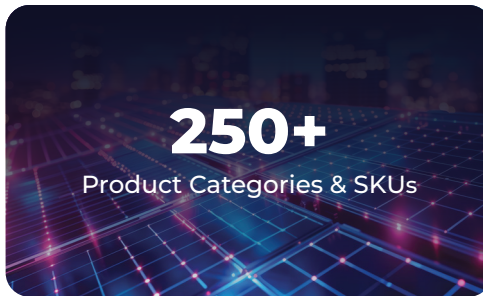
24/7 Intelligent Assistance

Sales Support and
After Sales Support



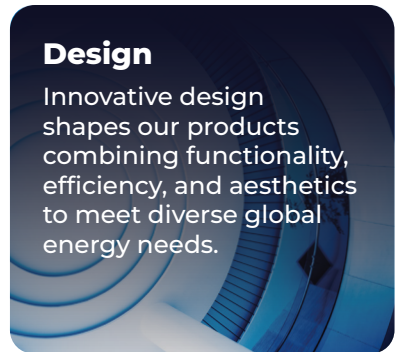
250+

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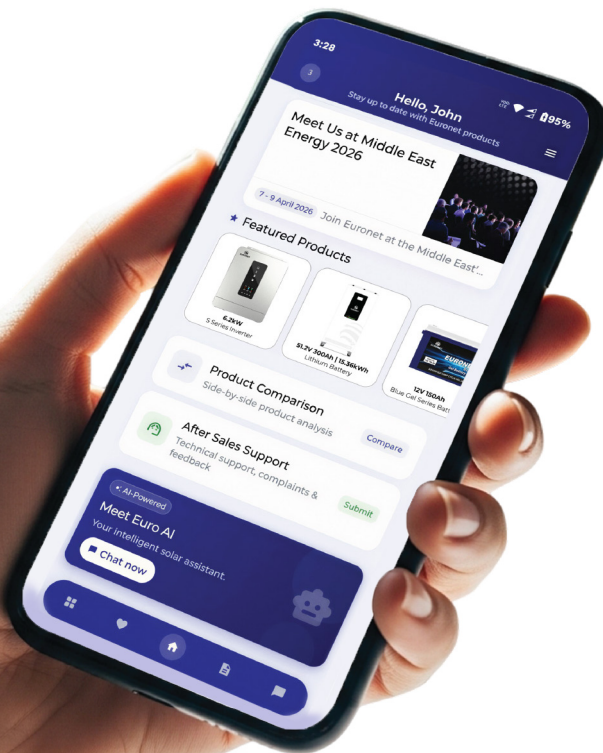
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MPPT Solar Charge Controller Catalogue 2026

MPPT solar charge controllers for off-grid and hybrid solar systems

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MPPT SOLAR CHARGE CONTROLLER 40A

MPPT solar charge controller with auto 12/24/36/48V system voltage and 40A rated charge current



RATED CHARGE CURRENT

40A

SYSTEM VOLTAGE

12/24/36/48V

MAX PV VOLTAGE (VOC)

<150V

CHARGE METHOD

MPPT

DISPLAY

Colour LCD

COOLING

FORCED AIR

OVERVIEW

An MPPT solar charge controller with automatic 12/24/36/48V system-voltage detection and 40A rated charge current, delivering high-efficiency power point tracking for small to mid-size off-grid and hybrid solar systems. Supports solar arrays up to 150V open-circuit voltage for enhanced design flexibility. Features a colour LCD display for real-time monitoring and configurable charging parameters. Integrated protection functions and intelligent cooling ensure safe, stable, and reliable system performance.

KEY FEATURES

MPPT Tracking

Advanced MPPT maximizes solar energy harvest across changing weather and temperature conditions.

Auto System Voltage

Automatically detects and operates at 12V, 24V, 36V, or 48V battery systems for flexible installation across different setups.

Wide Solar Input

Allowing versatile panel-string configurations and higher array voltages.

Colour LCD Display

A colour LCD with button control shows real-time charging data, state of charge, and fully adjustable charging parameters.

Comprehensive Protection

Built-in protections safeguard the system against overcharge, over-discharge, overload, short circuit, and reverse polarity.

Forced-Air Cooling

Active cooling and temperature compensation keep the controller stable under high loads.

TECHNICAL NOTE

Rated charge current 40A; system voltage 12/24/36/48V (auto); max PV open-circuit voltage <150V. MPPT charging with colour LCD, button control, adjustable parameters, temperature compensation, and forced-air cooling. Protections: overcharge, over-discharge, overload, short circuit, and reverse polarity. RS485/RJ45 port and Bluetooth optional. Product size 220×200×83mm (Ø5 mounting holes). Packaging: 8 pcs/carton, 20.2kg, 590×480×300mm, 0.08CBM.

MPPT SOLAR CHARGE CONTROLLER 60A

MPPT solar charge controller with auto 12/24/36/48V system voltage and 60A rated charge current



RATED CHARGE CURRENT

60A

SYSTEM VOLTAGE

12/24/36/48V

MAX PV VOLTAGE (VOC)

<150V

CHARGE METHOD

MPPT

DISPLAY

Colour LCD

COOLING

FORCED AIR

OVERVIEW

An MPPT solar charge controller with automatic 12/24/36/48V system-voltage detection and 60A rated charge current, providing high-efficiency power point tracking for mid-size off-grid and hybrid solar installations. Supports solar arrays up to 150V open-circuit voltage for greater system flexibility. Features a colour LCD display for real-time monitoring and configurable charging parameters. Advanced protection functions and intelligent cooling ensure safe, stable, and reliable operation.

KEY FEATURES

MPPT Tracking

Maximizes energy harvest from solar arrays by continuously adapting to changing sunlight and temperature conditions.

Auto System Voltage

Automatically detects and operates with 12V, 24V, 36V, or 48V battery systems for flexible installation.

Wide Solar Input

Accepts open-circuit voltages up to 150V, allowing for versatile panel configurations and higher-voltage arrays.

Colour LCD Display

Features a vibrant screen with button controls to view real-time charging data, battery status, and adjust parameters.

Comprehensive Protection

Safeguards your system with built-in defenses against overcharge, over-discharge, overload, short circuits.

Forced-Air Cooling

Combines active fan cooling with battery temperature compensation to ensure stable performance under high loads.

TECHNICAL NOTE

Rated charge current 60A; system voltage 12/24/36/48V (auto); max PV open-circuit voltage <150V. MPPT charging with colour LCD, button control, adjustable parameters, temperature compensation, and forced-air cooling. Protections: overcharge, over-discharge, overload, short circuit, and reverse polarity. RS485/RJ45 port and Bluetooth optional. Product size 265×220×88mm (Ø5 mounting holes). Packaging: 4 pcs/carton, 15kg, 510×340×320mm, 0.06CBM.

MPPT SOLAR CHARGE CONTROLLER 80A

MPPT solar charge controller with auto 12/24/36/48V system voltage and 80A rated charge current



RATED CHARGE CURRENT

80A

SYSTEM VOLTAGE

12/24/36/48V

MAX PV VOLTAGE (VOC)

<150V

CHARGE METHOD

MPPT

DISPLAY

Colour LCD

COOLING

FORCED AIR

OVERVIEW

An MPPT solar charge controller with automatic 12/24/36/48V system-voltage detection and 80A rated charge current, delivering high-efficiency power point tracking for larger off-grid and hybrid solar systems. Supports solar arrays up to 150V open-circuit voltage for greater installation flexibility. Features a colour LCD display for real-time monitoring and adjustable charging parameters. Comprehensive protection functions and intelligent cooling ensure safe, reliable, and efficient long-term operation.

KEY FEATURES

MPPT Tracking

Maximizes energy harvest from solar arrays by continuously adapting to changing sunlight and temperature conditions.

Auto System Voltage

Automatically detects and operates with 12V, 24V, 36V, or 48V battery systems for flexible installation.

Wide Solar Input

Accepts open-circuit voltages up to 150V, allowing for versatile panel configurations and higher-voltage arrays.

Colour LCD Display

Features a vibrant screen with button controls to view real-time charging data, battery status, and adjust parameters.

Comprehensive Protection

Safeguards your system with built-in defenses against overcharge, over-discharge, overload, short circuits.

Forced-Air Cooling

Combines active fan cooling with battery temperature compensation to ensure stable performance under high loads.

TECHNICAL NOTE

Rated charge current 80A; system voltage 12/24/36/48V (auto); max PV open-circuit voltage <150V. MPPT charging with colour LCD, button control, adjustable parameters, temperature compensation, and forced-air cooling. Protections: overcharge, over-discharge, overload, short circuit, and reverse polarity. RS485/RJ45 port and Bluetooth optional. Product size 340×240×108mm (Ø5 mounting holes). Packaging: 4 pcs/carton, 20kg, 565×435×375mm, 0.09CBM.

MPPT SOLAR CHARGE CONTROLLER 100A

MPPT solar charge controller with auto 12/24/36/48V system voltage and 100A rated charge current



RATED CHARGE CURRENT

100A

SYSTEM VOLTAGE

12/24/36/48V

MAX PV VOLTAGE (VOC)

<150V

CHARGE METHOD

MPPT

DISPLAY

Colour LCD

COOLING

FORCED AIR

OVERVIEW

An MPPT solar charge controller with automatic 12/24/36/48V system-voltage detection and 100A rated charge current, the highest-output model in the series for large off-grid and high-capacity solar installations. Supports solar arrays up to 150V open-circuit voltage for maximum system flexibility. Features a colour LCD display for real-time monitoring and configurable charging settings. Advanced protection functions, battery temperature compensation, and intelligent cooling ensure safe, stable, and efficient performance under demanding operating conditions.

KEY FEATURES

MPPT Tracking

Maximizes solar energy harvest by instantly adapting to changing light and temperature.

Auto System Voltage

Auto-detects and supports 12V, 24V, 36V, or 48V battery setups for flexible installation.

Wide Solar Input

Handles up to 150V open-circuit input, allowing for high-voltage panel strings.

Colour LCD Display

Shows real-time data and state of charge with buttons for fully adjustable settings.

Comprehensive Protection

Built-in defense against overcharge, over-discharge, overload, short circuit, and reverse polarity.

Forced-Air Cooling

Active fan cooling and temperature compensation keep the system stable under heavy loads.

TECHNICAL NOTE

Rated charge current 100A; system voltage 12/24/36/48V (auto); max PV open-circuit voltage <150V. MPPT charging with colour LCD, button control, adjustable parameters, temperature compensation, and forced-air cooling. Protections: overcharge, over-discharge, overload, short circuit, and reverse polarity. RS485/RJ45 port and Bluetooth optional. Product size 340×240×108mm (Ø5 mounting holes). Packaging: 4 pcs/carton, 20kg, 565×435×375mm, 0.09CBM.



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