



Automatic 12V 24V System Voltage Detection Solar Charge Controllers

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CX
- Certification: CE RoHS ISO9001
- Model Number: CXMRL
- Minimum Order Quantity: 12 pieces
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



MRL20-1

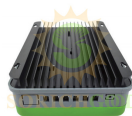
Product Specification

- Rated Voltage: 12V/24V/36V/48V Auto
- Rated Charge Current: 20A/30A/40A (depending On The Model)
- Maximum PV Input Power: Up To 3120W For 48V Systems
- System Protection: Over-voltage, Under-voltage, Overcharge, Short-circuit Protection
- Display: LCD Color Display
- USB Output: 2A/5V x 2
- Highlight: 24V Solar Charge Controllers, 12V Solar Charge Controllers, Automatic control charger solar



MRL20-1

More Images



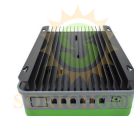
MRL20-3



MRL30-1



MRL30-2



MRL30-3



MRL4024-1

Product Description

Automatic 12V/24V System Voltage Detection Solar Charge Controllers

Product Description:

This **Solar Charge Controller** is designed for use in solar energy systems. It features an automatic 12V/24V system voltage detection, making it versatile for a range of solar power setups. With a rated charge current of 20A, 30A, and 40A depending on the model, it offers efficient charging for various battery types including Gel, SLD, FLD, and Lithium batteries. The controller is equipped with MPPT technology to maximize the energy harvest from your solar panels, supporting a maximum PV input voltage of up to 150V depending on the model. The device offers a range of protections, including overvoltage, undervoltage, overcharge, and short-circuit protection. With a built-in LCD display and optional Bluetooth communication, it provides an easy interface for monitoring and configuration. The product is ideal for residential and commercial solar applications.

Rated Voltage Measurement	Rated Charge Current	USB Output Volume/ Carton	Product Size	Set/ Carton	Weight/ Carton	Weight/ Carton
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12V/24V Auto	20A	2A/5V x 2	123x178x50 mm	30Pcs	19.5Kg	410x390x300 mm	0.05CBM
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Our Product Introduction

Rated Voltage	Rated Charge Current	USB Output	Product Size	Set/ Carton	Weight/ Carton	Measurement	Volume/ Carton
12V/24V Auto	30A	2A/5V×2	132×195×60mm	20Pcs	17.5Kg	420×340×295mm	0.04CBM

Rated Voltage	Rated Charge Current	USB Output	Product Size	Set/ Carton	Weight/ Carton	Measurement	Volume/ Carton
12V/24V Auto	40A	2A/5V×2	144×218×70mm	12Pcs	17.5Kg	495×405×310mm	0.06CBM

Rated Voltage	Rated Charge Current	USB Output	Product Size	Set/ Carton	Weight/ Carton	Measurement	Volume/ Carton
2V/24V/36V/48V Auto	30A/40A	2A/5V×2	144×218×80mm	12Pcs	19Kg	550×410×390mm	0.09CBM

Rated Voltage	Rated Charge Current	USB Output	Product Size	Set/ Carton	Weight/ Carton	Measurement	Volume/ Carton
12V/24V Auto	50A/60A	2A/5V×2	190×260×95mm	6Pcs	13.7Kg	445×445×330mm	0.07CBM

Rated Voltage	Rated Charge Current	USB Output	Product Size	Set/ Carton	Weight/ Carton	Measurement	Volume/ Carton
12V/24V/36V/48V Auto	50A/60A	2A/5V×2	190×260×110mm	6Pcs	15.2Kg	495×445×330mm	0.07CBM

Application:

This solar charge controller is suitable for:
 Off-grid solar systems for residential homes
 Solar-powered lighting systems
 RVs and camping setups with solar panels
 Small commercial solar systems
 Industrial applications requiring stable solar power management

Shipping Methods

Supports global air and sea shipping.



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