



RG-SOLAR-MPPT-2410-10A

Ranger MPPT Charge Solar Controller 10A (12V/24V)



RANGER
AUTOMATION • REVOLUTION

99.9%

Ranger solar mpp tracking efficiency above up to 99.9%

MAX 98%

Circuit energy conversion efficiency is up to 98%.



MPPT - equalizing charge - boost charge - float charge.



Supporting 12V/24V automatic identification of lead-acid battery.

*All image and specification is subject to change without prior notice.



Features

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- Support 100V maximal open-circuit voltage of photovoltaic panel.
- Supporting 12V/24V automatic identification of lead-acid battery.
- Supporting lithium battery application.
- Double-peak or multi-peak MPPT technology, suitable for partial shading or partial damage of photovoltaic batteries.
- Significantly improving the energy utilization rate of photovoltaic batteries, which is higher than that of the traditional PWM charge by 15% ~ 20%.
- MPPT can trace the best working point of I-V curve accurately within 1 second with as much as 99.9% tracing efficiency.
- With advanced digital power technology, the circuit energy conversion efficiency is up to 98%.
- Four-stage charge mode: MPPT - equalizing charge - boost charge - float charge.
- Limited current charge mode: in case of excessive power of photovoltaic battery, the controller automatically reduces the power to the rated value.
- With fault code indication, it is convenient for users to determine the system fault.
- It can be equipped with LCD screen(optional) so as to view the operation data and state of the equipment and change the controller parameters.
- With multiple load control modes, it can automatically identify day/night and enhance the flexibility of load system.
- Possessing overcharge, over discharge, overload, short circuit, reverse connection, over temperature, TVS and anti-reverse charge protection.

Ordering Info

Model

RG-SOLAR-MPPT-2410-10A

Technical Data	RG-SOLAR-MPPT-2410-10A	
Battery voltage	12V	24V
Power of maximal battery panel	130W	260W
Maximal open-circuit voltage of battery panel	100V	
Maximal charge current	10A	
Maximal discharge current	10A	

Product Dimensions *All specification is subject to change without prior notice.

