



MT series Solar Charge Controller

MT2410N10



MODEL	MT2410N10	CAN BE SET
PV INPUT		
Max.Voltage of Open Circuit	100Vdc	
MPPT Voltage Range	(Battery voltage+2V)- 72V	
Max.PV Input Power	130W/12V 260W/24V	✓
BATTERY		
Battery Type	FLD/GEL/LI/SLD/User Defined	✓
Rated Battery Voltage	12V/24V Vdc	
Battery Voltage Range	8-32Vdc	✓
Rated Charging Current	10A	✓
MPPT Charging Mode	Buck	
EFFICIENCY		
MPPT Tracking Efficiency	>99%	
Max. Charging Conversion Efficiency	≤98%	
ACCESSORIES		
Matching	RM-5 Display screen	✓
GENERAL		
Communication	RS232	✓
Weight	430g(0.95lb)	
Dimension	143*71*37.4mm (0.47*0.23*0.12ft)	
Protection Degree	IP64	
Operating Temperature Range	-35°C~65°C (-31°F~149°F)	

For off-grid application

- Can be connected to both PV 、 battery and load
- Multiple load operating modes to meet diverse needs

User-Friendly

- Easy to install and simple to use
- Natural cooling, absolutely quiet

User-Friendly

- Complete charge and discharge protection mechanism
- Choose high-quality waterproof shell

All-in-One

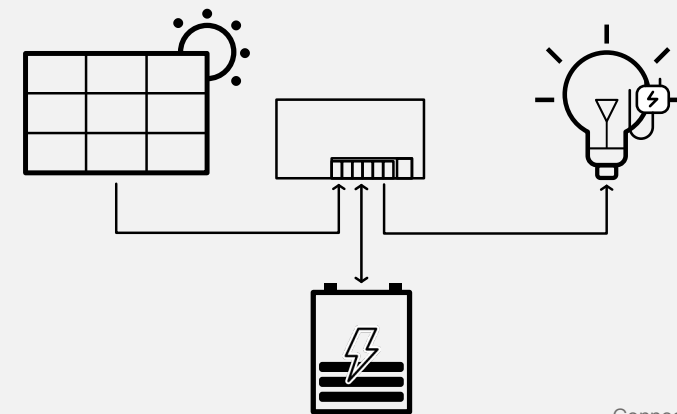
- Supports multiple battery types
- Highly integrated, helps you save space and wire

Efficient

- MPPT with up to 99.9% efficiency
- Support solar panel 2 in series/more in parallel

Intelligent

- Support RS232 communication
- Can be connected to RM-5 display



Connection Diagram