SRNE

MC serise

Solar Charge Controller

MC4860/4870N15,MC4860/4870N25

NEW BEST QUALITY

| 12/24/36/48V | 250V | IP32 | Mobile APP |

MODEL	MC4860N15	MC4870N15	MC4860N25	MC4870N25	CAN BE SET
PV INPUT					
Max.Voltage of Open Circuit	150Vdc		250Vdc		
MPPT Voltage Range	(Battery voltage+2V)~ 110V		(Battery voltage+2V)~ 180V		
Max.PV Input Power	800W/12V 1600W/24V 2400W/36V 3200W/48V	920W/12V 1840W/24V 2760W/36V 3680W/48V	800W/12V 1600W/24V 2400W/36V 3200W/48V	920W/12V 1840W/24V 2760W/36V 3680W/48V	✓
Max. Parallel Capacity	1–10 units				
BATTERY					
Battery Type	FLD/GEL/LI/SLD/User Defined				✓
Rated Battery Voltage	12V/24V/36V/48V Vdc				
Battery Voltage Range	9~64Vdc				✓
Rated Charging Current	60A	70A	60A	70A	✓
MPPT Charging Mode	Buck				
EFFICIENCY					
MPPT Tracking Efficiency	>99%				
Max. Charging Conversion Efficiency	≤98%				
ACCESSORIES					
Matching	RM–6/ RM–7 Display screen、BT–2 Bluetooth module、USB to TTL Connecting wire 、TTLCommunication line（TTLtoTTL）)、BTS Temperature sensor、CN–4（TTL to 485）、GP–2 Internet of things module、RS485 Communication line（RS485 to RS485）				✓
GENERAL					
Communication	TTL/RS485/Built–in Bluetooth				✓
Weight	3.6kg (7.94lb)				
Dimension	266*194*119mm (0.87*0.64*0.39ft)				
Protection Degree	IP32				
Operating Temperature Range	−35°C~65°C（−31°F～149°F）				

For off-grid application

- Connect to photovoltaic and supply power to batteries

User-Friendly

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

Safety

- Complete charge protection mechanism
- High quality components for stable operation

All-in-One

- Supports multiple battery types
- Support 1–10 PCS in parallel

Efficient

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

Intelligent

- Supports TTL, RS485 communication
- Supports Bluetooth with mobile APP

Mobile APP

Bluetooth

Connection Diagram

1.1