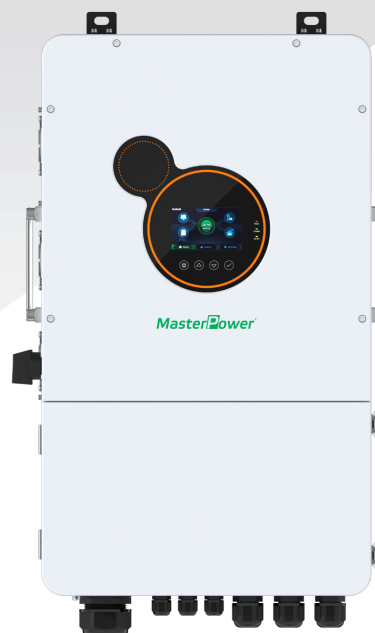


SERIE RHO

Solar storage inverter



EFFICIENCY

- Advanced MPPT with up to 99.9% efficiency
- Up to 25A*2 PV input current

RELIABLE

- Output high-quality pure sine wave AC power
- With IP65 protection degree

SAFETY

- With software and hardware security protection
- Multiple safety approvals

USER - FRIENDLY

- Industrial design with a modern aesthetic look
- Easy to install and simple to use

ALL IN ONE

- Up to 200A charging current
- Supports Li-ion battery BMS communication

INTELLIGENT

- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley

APPLICATION SCENARIO



House



Farm



Telecom



Countryside



Island



Pasture

MODEL	MF-RHO-8K-SP	MF-RHO-10K-SP	MF-RHO-12K-SP	CAN BE SET
INVERTER OUTPUT				
Rated Output Power	8,800W	10,000W	12,000W	
Max. Peak Power	17,600VA	20,000VA	24,000VA	
Rated Output Voltage	120/240Vac, single-phase / split-phase / three-phase(parallel)			✓
Load Capacity of Motors	5HP	6HP		
Rated AC Frequency	50Hz/60Hz			
BATTERY				
Battery Type	Lead-acid / Li-ion / User defined			✓
Rated Battery Voltage	48V			
Max. PV Charging Current	200A			✓
Max. Mains Charging Current	120A			✓
Max. Alternator Charging Current	60A			
Max. Hybrid Charging Current	200A			✓
PV INPUT				
Num. of MPPT	2			
Max. PV Array Power	5,500W+5,500W		6,600W+6,600W	
Max. Input Current	25A+25A			
Max. Open-circuit Voltage	550Vdc+550Vdc			
MPPT Operating Voltage Range	125~450Vdc			
MAINS / GENERATOR INPUT				
Input Voltage Range	90~140Vac			✓
Frequency Range	50/60Hz			
GENERAL				
Num. of Parallel	1~6 units			
Dimensions	750*440*240mm (2.46*1.44*0.79ft)			
Weight	42kg (92.59lb)			
Protection Degree	IP65			
Operating Temperature Range	-25~60°C,>45°C derated			
Cooling Method	Intelligent air-cooling			
Warranty	5 years			
COMMUNICATION				
Embedded Interfaces	RS485 / CAN / USB / Dry contact			✓
External Modules (Optional)	Wi-Fi / GPRS			✓
CERTIFICATION				
UL1741&IEEE1547.1-2020,CEC,RULE21,HECO, FCC15classB, RoHs				