

CONVENTIONAL Wall MOUNTED REVERSE CONTROL INTEGRATED MACHINE SERIES

1K - 6K

www.hchitech.com



CONVENTIONAL Wall MOUNTED REVERSE CONTROL INTEGRATED MACHINE SERIES

Technology Data

Model	MG-10	MG-20	MG-30	MG-40	MG-50	MG-60
Rated power	1000W	2000W	3000W	4000W	5000W	6000W
Battery						
Rated voltage	DC12V/24v	DC24V /48V	DC48V /96V	DC48V/96V	DC48V/96V	DC48V/96V
Charging voltage	13.5V(±2%)	27.5V(±2%)	54V(±2%)	54V(±2%)	106V(±2%)	106V(±2%)
Input						
Mains input voltage range	165-260VAC					
Mains input frequency	45-50HZ					
Solar input voltage range	12/24V(18-100VDC) 48V(60-180VDC)					
Solar output current	20A-60A					
Output						
Voltage range	220VAC ±5%(Inversion mode)					
Frequency	50HZ ±5%(Inversion mode)					
Output waveform	sine wave					
Conversion time	<10ms (Typical load)					
Efficiency	>85%(Negative load)					
Overload	110-120%/30S > 160%/300ms					
Protection function	Battery over voltage and low-voltage protection, overload protection, short circuit protection, over temperature protection, etc					
Operating ambient temperature	0-40°C					
Storage ambient temperature	-15—+50°C					
Operating/storage environment	0-90% No dew					
Size(mm)	450*280*130			550*350*156		
Weight(kg)	13.6	18	21	25	30	39



Automatic Recognition



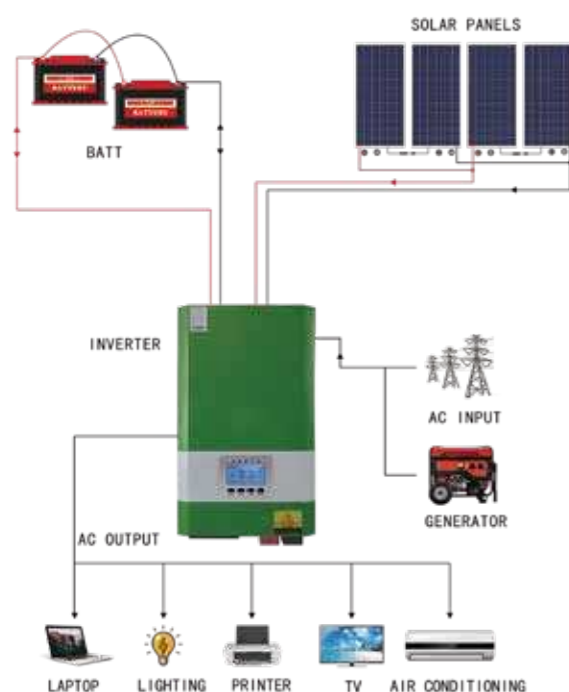
Efficient



Secure



Intelligent Fan



FUNCTIONS

- ST inverter efficiency is more than 85%
- New design, adapt to wide and narrow voltage, automatically recognize frequency .
- Full LED display, inverter function can be selected according to customer's use.
- 5 working modes to choose from: mains power priority, inverter priority, energy-saving mode, energy storage mode, and energy-saving mode
- More than 3 times the peak starting power, excellent load capacity.
- Smart fan (automatically adjust fan speed according to internal temperature).
- Power frequency technology, pure sine wave AC output, adapt to load capacity, no-load current is smaller, more energy-saving.
- Built-in AC 3-stage charging module, which can automatically adjust the charging current according to battery capacity and actual use (5A-30A).
- It has complete battery undervoltage, overload, short circuit protection and other comprehensive protection, safe and reliable1.

Product specification are subject to change without further notice.