

Note:

If connect to diesel generator such this kind or, must operate according to below steps:

- Start generator, till it work stably, connect its output power to machine's input port (to be sure there is no any other load connecting to machine at this time), then start the machine according to start procedure, after machine start well, add connection of other loads one by one.
- Suggest to choosing twice or three times capacity of inverter than generator's capacity.

7, Maintenance and protection

- This series of inverter just need less maintenance. Battery of standard model is valve adjusting, low maintenance, ensure better life only by charging often. When connect to mains supply, no matter inverter on or off, it still keep charging for battery, and provide over charge, over discharge protective.
- If long time no use of inverter, it would be better to charge on after four to six months.
- Working life of battery is three to five years normally, if it work worse, please change as early as possible. Must operating by professional stuff.
- It is not good to change battery individually, should base on instruction of battery supplier when change all battery.
- Charge and discharge the battery when after working four to six months normally, start to charge after discharge till off, standard charging time should not be less than 12hrs.

Note:

- Before changing battery, must switch off battery, turn off inverter and free of mains supply connection.
- remove metal object like ring, watch etc.
- Use tool as insulated handle and screw driver, do not put any tool and metal object onto battery.
- It will be small spark when connecting by battery wire, but will not harm the human safe and inverter.
- Be attention not short connection between anode and cathode, or converse connection.

8, Technical Data

Model number	35112/24	50112/24	10224/48	20224/48	30224/48	40248/96	50248/96	60296/192	70296/192
Rated capacity	350W	500W	1000W	2000W	3000W	4000W	5000W	6000W	7000W
Input	Voltage	75-125V /140-275V AC							
	Frequency	45-65Hz							
Output	Voltage	AC110V /AC220V±2%(Battery Mode)							
	Frequency	50/60Hz±1%(Battery Mode)							
Output Waveform	Pure Sine wave								
Efficiency	>80%								
Battery	Valve regulated lead acid battery								
Battery Rated Voltage	12/24VDC	12/24/48VDC	24/48VDC	48/96VDC	96/192VDC				
Maximum ac Charging Current	15A (change according to the customer)								
Protect	Overload, short-circuit High and low ac input voltage protection								
Conversion way	Interactive								
Capacity of over load	DC model:110%~120%maintain30s, over 160%maintain300ms then shut down								
Communication port	RS-232								
Operating Environment	Temperature	0-40°C							
	Humidity	10%-90%							
Size L*W*H (mm)	315*210*120	390*145*210	400*180*325	420*200*330	457*247*440 (trundle35)	485*298*646 (trunle35)			
GW (NW) (kg)	7kg/8kg	9kg/8kg	13kg/14kg	23kg/24kg	28kg/29kg	40kg/41kg	44kg/45kg	52kg/53kg	55kg/56kg

Above parameter revision change without notification