

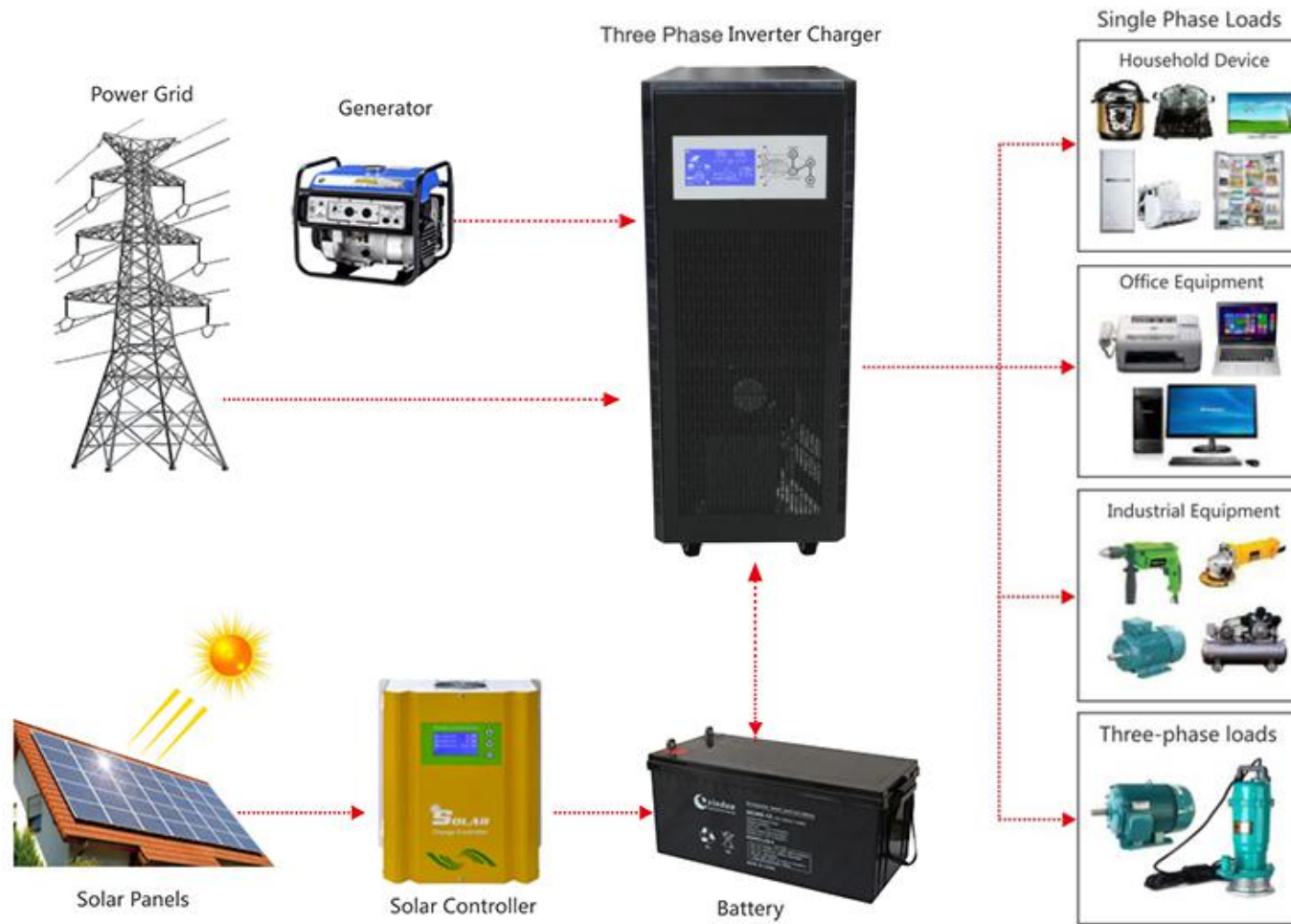
MH Inverter Charger / Solar Inverter Charger (3W-120KW)

Feature :

- ◆ Pure sine wave output;
- ◇ Low DC voltage, saving system cost;
- ◆ Built-in PWM or MPPT charge controller;
- ◇ AC charge current 0-45A adjustable ;Wide LCD screen, clearly and precisely shows icon data;
- ◆ 100% imbalance loading design, 3 times peak power;
- ◇ Setting different working modes based on variable usage requirements ;
- ◆ Various communication ports and remote controls (RS232/RS485/APP/SNMP/GSM optional).



System Application Diagram



Specification

Model: MH		4KVA	6KVA	7KVA	8KVA	10KVA	15KVA	20KVA	25KVA
Rated Power		3.2KW	4.8KW	5.6KW	6.4KW	8KW	12KW	16KW	20KW
Battery Voltage		48/96/192VDC					96/192/384VDC		
Size(L*W*Hmm)		565*300*775				725*365*1010			
Package Size(L*W*Hmm)		625*360*895				785*425*1135			
N.W.(kg)		58	73	75	80	99	110	145	164
G.W.(kg)(Wooden Packing)		71	86	88	93	126	127	162	181
Model: MH		30KVA	40KVA	50KVA	60KVA	80KVA	100KVA	125KVA	150KVA
Rated Power		24KW	32KW	40KW	48KW	64KW	80KW	100KW	120KW
Battery Voltage		192/384VDC				384VDC			
Size(L*W*Hmm)		715*575*1275				925*760*1450			
Package Size(L*W*Hmm)		775*635*1400				990*825*1590			
N.W.(kg)		174	202	297	450	555	860	900	1120
G.W.(kg)(Wooden Packing)		198	226	321	552	700	900	960	1200
Input	AC Input Voltage Range	380Vac/400Vac±10%(customized 190Vac/200Vac)							
	AC Input Frequency Range	45Hz~65Hz							
	Phase	3/N/PE							
Output	Efficiency	>85%							
	Output Voltage(Battery Mode)	380Vac/400Vac± 10%(customized 190Vac/200Vac)							
	Output Frequency(Battery Mode)	50/60Hz±1%							
	Output Wave(Battery Mode)	Pure Sine wave							

Output	THD	liner load ≦3%
	AC Output Voltage Range	Conforming to AC input
	AC Output Frequency Range	Conforming to AC input
	Phase	3/N/PE
Inside Solar controller (Optional)	Charging Mode	MPPTbEPWM
	Charging Current	12V/24V/48V System : 10A,20A,30A,40A,50A,60A; 96V/192V/384V System : 50A,100A,150A,200A
	PV Input Voltage Range	12V System: 15V-44V; 24V System: 30V-44V; 48V System: 60V-88V; 96V System : 120V-176V; 192V System : 240V-352V; 384V System : 480V-704V
	Max PV Input Voltage (At 25°C)	12V/24 System:50V; 48V System:100V; 96V System:200V; 192V System:400V; 384V System:750V
	PV Array Maximum Power	12V System: 140W/280W/420W/560W/700W/840W; 24V System: 280W/560W/840W/1120W/1400W/1680W; 48V System: 560W/1120W/1680W/2240W/2800W/3360W; 96V System: 5.6KW/11.2KW/8.4KW*2/H.2KW*2 192V System: 11.2KW/22.4KW/16.8KW*2/22.4KW*2; 384V System: 22.4KW/44.8KW/33.6KW*2/44.8KW*2
Battery	DC input voltage range	10.5-17V DC/Single battery
	Battery low voltage alarm	11VDC/Single battery
	Battery low voltage protection	10.5VDC/Single battery
	Battery high voltage alarm	15VDC/Single battery
	Battery high voltage protection	17VDC/Single battery
	Battery Type	U0: Gel U.S.A / U1: A.G.M.1 / U2: A.G.M.2 / U3: Sealed lead Acid / U4: Gel European / U5: Open lead Acid / U6: Calcuim(open) / U7: Sulphation cycle
Working Mode	Battery First/AC First/Saving Energy Mode	
AC Charging current (selectable)	0-45A	
Transfer Time	<4ms	
Display	LCD	
Thermal method	Forced air cooling	
Protection	Over-load / Over-discharge / Short circuit / High and low temperayure	
Communication	RS232/RS485/APP/SNMP/GSM (Optional)	

Environment	Temperature	-10°C~40°C
	Height	2000m (Less load when height over)
	Noise	M65dB
	Humidity	0%~95% (No condensation)
Warranty		3 years
Note: All specifications are subject to charge without prior notice		