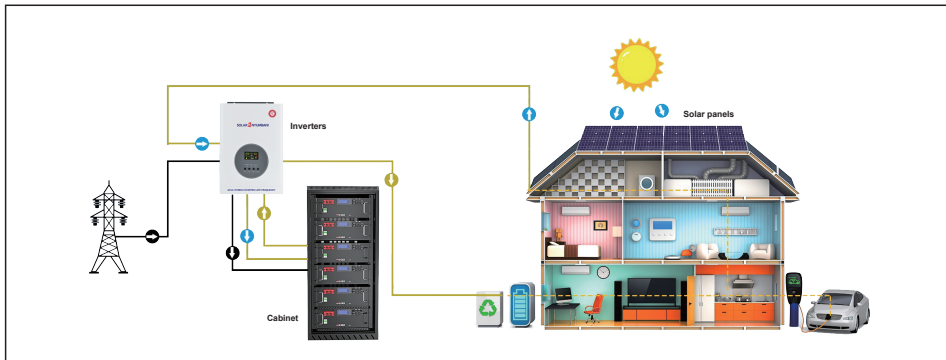




**HYBRID SOLAR INVERTER**

- Pure sine wave output
- Can support WIFI/ GPRs
- MPPT efficiency max 98%
- BMS function for lithium battery
- DC start & automatic self-diagnostic function
- Automatically send signal to start generator
- High efficiency design for optimized battery performance
- Selectable charging current based on applications
- AC start-up voltage auto restart voltage
- lead acid battery/Lithium battery



MODEL	0812	1012/24	1512/24	2012/24	3024/48
<b>Input</b>					
Capacity (VA)	1000VA	1500VA	2000VA	3000VA	4000VA
Voltage (DC)	12V	12/24V	12/24V	12/24V	24/48V
Nominal Voltage	220VAC/110VAC				
Voltage Range	154-264VAC/77-132VAC				
Frequency	50-60Hz Auto sensing				
<b>Output</b>					
Watt	800W	1000W	1500W	2000W	3000W
Voltage	220VAC/110VAC(±10% ups mode)				
Frequency	50/60Hz				
Waveform	Pure sine wave				
Transfer time(AC to DC)	<8ms				
Transfer time(DC to AC)	<8ms				
Output voltage regulation	10%rms				
Bypass Mode	Yes				
Saver Mode	Yes				
Efficiency	>98%				
<b>Protection</b>					
Input Protection	Circuit Breaker				
Output Protection	Circuit Breaker				
<b>Battery</b>					
Battery Type	AGM-Deep Cycle,GEL,LIFEPO4				
	Up to 500Ah				
Charging current	22A	27/14A	35/18A	67/33A	50/25A
Low Level disconnect(Selectable)	12V:(10V or 10.5V) 24V:(20V or 21V) 48V:(40V or 42V)				
LCD Indicator status	Input AC,Output AC Battery DC,Output Load Alarm,Fault Battery Charge Level Output Frequency				
LED Indicator status	AC Line In:Green Inverter:Green Charging:Yellow Alarm:Red				
Battery low alarm	12V:battery light discharge 11.5V; battery load discharge 11.5V@load<20% ; 11V@load>50%/10.5V@load>50%; 24V:battery light discharge 23V; battery load discharge 23V@load<20% ; 22V@load>50%/21V@load>50%; 48V:battery light discharge 46V; battery load discharge 46V@load<20% ; 44V@load>50%/42V@load>50%;				
Battery low recovery	12V:battery light discharge 12V ; battery load discharge 12V@load<20% ; 11.5V@load>50%/11V@load>50% ; 24V:battery light discharge 24V ; battery load discharge 24V@load<20% ; 23V@load>50%/22V@load>50% ; 48V:battery light discharge 48V ; battery load discharge 48V@load<20% ; 46V@load>50%/44V@load>50% ;				
DC low voltage shutdown	12V:battery light discharge 11V ; battery load discharge 11V@load<20% ; 10.5V@load>50%/10V@load>50% ; 24V:battery light discharge 22V ; battery load discharge 22V@load<20% ; 21V@load>50%/20V@load>50% ; 48V:battery light discharge 44V ; battery load discharge 44V@load<20% ; 42V@load>50%/40V@load>50% ;				
DC high voltage alarm and fault	15.6V/31.2V/62.4V				
DC high voltage recovery	15V/30V/60V				