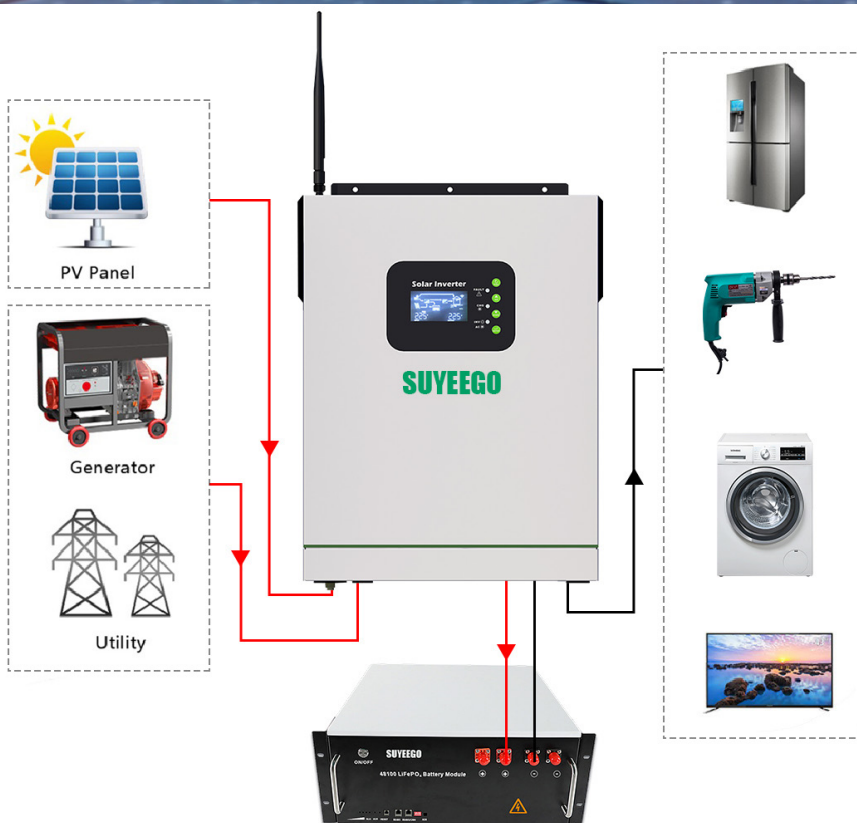


Technical Features

- Update Circuit and Control Program
- Built-in MPPT Solar Charge Controller
- High PV Input Voltage Range 120-500VDC
- Support to work with lithium battery
- Built-in Wifi Function



SUYEEGO

<https://suyeeinvert.en.alibaba.com>

 +8613822272462

Model	SYGHB3224
Rated Power	3200W
Line Mode (Bypass Mode)	
AC Input Voltage	230Vac
AC Input Range	90~280Vac(Appliances); 170Vac~280Vac(UPS)
Max AC Input Voltage	300Vac
Nominal Input Frequency	50Hz / 60Hz (Auto detection)
AC Input Frequency Range	40~65±1Hz; (>42 or <63±1Hz comeback)
Output Short Circuit Protection	Circuit Breaker
Efficiency (Line Mode)	>95% (Rated R load, battery full charged)
Transfer Time	10ms typical (UPS); 20ms typical (Appliances)
Waveform	pure sine wave
Utility Charging Mode	
Charging Algorithm	3-Step
AC Charging Current (Max)	80Amp (@VI/P=230Vac)
Bulk Charge Voltage-Flooded Battery	29.2Vdc
Bulk Charge Voltage-AGM / Gel Battery	28.2Vdc
Floating Charging Voltage	27Vdc
MPPT Solar Charging & Invert Mode	
Max. PV Array Power	4000W
PV Array MPPT Voltage Range	120-450VDC
Max. PV Open-Circuit Voltage	500Vdc
Max Charging Current	80Amp
Invert Mode	
Peak Efficiency	93%
Overload Protection	5s@≥150% load; 10s@110%~150% load
Surge Capacity	2* rated power for 5 seconds
Nominal Battery Input Voltage	24V
Cold Start Voltage	23.0Vdc
High DC Cut-off Voltage	31Vdc
Physical	
Device Size	110 x 309 x 355
Gross Weight	8.5KG

Model	SYGHB5548
Rated Power	5500W
Line Mode (Bypass Mode)	
AC Input Voltage	230Vac
AC Input Range	90~280Vac(Appliances); 170Vac~280Vac(UPS)
Max AC Input Voltage	300Vac
Nominal Input Frequency	50Hz / 60Hz (Auto detection)
AC Input Frequency Range	40~65±1Hz; (>42 or <63±1Hz comeback)
Output Short Circuit Protection	Circuit Breaker
Efficiency (Line Mode)	>95% (Rated R load, battery full charged)
Transfer Time	10ms typical (UPS); 20ms typical (Appliances)
Waveform	pure sine wave
Utility Charging Mode	
Charging Algorithm	3-Step
AC Charging Current (Max)	60Amp (@VI/P=230Vac)
Bulk Charge Voltage-Flooded Battery	58.4Vdc
Bulk Charge Voltage-AGM / Gel Battery	56.4Vdc
Floating Charging Voltage	54Vdc
MPPT Solar Charging & Invert Mode	
Max. PV Array Power	6000W
PV Array MPPT Voltage Range	120-450VDC
Max. PV Open-Circuit Voltage	500Vdc
Max Charging Current	80Amp
Invert Mode	
Peak Efficiency	93%
Overload Protection	5s@≥150% load; 10s@110%~150% load
Surge Capacity	2* rated power for 5 seconds
Nominal Battery Input Voltage	48V
Cold Start Voltage	46.0Vdc
High DC Cut-off Voltage	63Vdc
Physical	
Device Size	110*309*415
Gross Weight	10.9KG