



WIFI(optional)



### »» Features:

- Pure sine wave solar inverter
- WIFI& GPRS available for IOS and android
- Built-in 80A MPPT solar charger
- Built-in anti-dusk kit for harsh environment (optional)
- Compatible with lithium-ion battery
- High PV input voltage range(90-450VDC)
- Smart battery charge design to optimize battery life
- Solar energy is provided directly to the load first
- Can meet the rich custom needs of customers

### »» Overview:



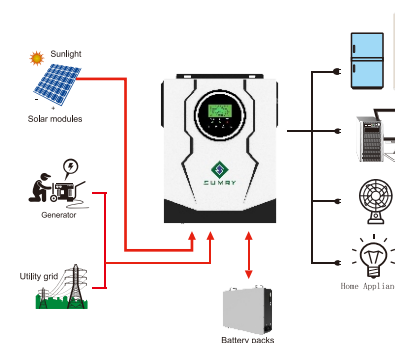
## SM-H SERIES

混合太阳能逆变器 HYBRID SOLAR INVERTER  
SM 2000VA/ 3200VA

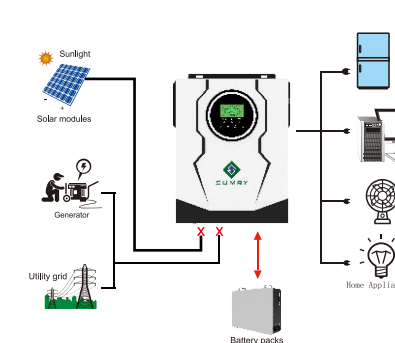
**SUMRY**  
Shenzhen Sumry Electronics Co., Ltd.



■ Operation with battery connected  
Solar Power and AC Power available



Solar Power and AC Power not available



### »» Product Data Sheet

MODEL	SM-2000H-12		SM-3200H-24	
Rated Power	2000VA/1600W		3200VA/3000W	
<b>INPUT</b>				
Voltage	230VAC			
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)			
Frequency Range	50Hz/60Hz (Auto sensing)			
<b>OUTPUT</b>				
AC Voltage Regulation (Batt.Mode)	230VAC±5%			
Surge power	4000VA	4000VA	6400VA	6400VA
Efficiency(Peak) PV to INV	98%			
Efficiency(Peak) BAT to INV	94%			
Transfer Time	10ms (for personal computers) 20ms (for home appliances)			
Wave form	Pure Sine Wave			
<b>BATTERY &amp; AC CHARGER</b>				
Battery Voltage	12VDC		24VDC	
Floating Charge Voltage	13.5VDC		27VDC	
Overcharge Protection	16VDC		33VDC	
Maximum charge current	60A			
<b>SOLAR CHARGER</b>				
MAX.PV Array Power	2000W		3000W	
MPPT Range@ Operating Voltage	90-430VDC			
Maximum PV Array Open Circuit Voltage	450VDC			
Maximum Charging Current	80A			
Maximum Efficiency	98%			
<b>PHYSICAL</b>				
Dimension.D*W*H(mm)	348*270*95			
Net Weight (kgs)	4kg		5kg	
Communication Interface	RS232(Standard) GPRS/WIFI(Optional)			
<b>OPERATING ENVIRONMENT</b>				
Humidity	5% to 95% Relative Humidity(Non-condensing)			
Operating Temperature	-10°C to 55°C			
Storage Temperature	-15°C to 60°C			