



3000W ~ 5000W

# ALL IN ONE SOLAR SYSTEM

Energy  
Independence

Continuous  
Power Supply

Flexible  
Installation

## FEATURES

- High energy density, Long cycle life
- Certain energies are high, Good safety performance.
- Rapid charge and discharge, Low self-discharge rate.
- Parallel connection up to 15, Large capacity, long life.
- Can be wall hanging, can be stacked.
- Excellent high and low temperature performance

Model	GYSWT-3KW		GYSWT-5KW	
Rated Power	3000VA/3000W		5000VA/5000W	
INPUT				
Voltage	230 Vac			
Selectable Voltage Range	170 – 280 Vac ( For Personal Computer ) ; 90 – 280 Vac ( For Home Appliances )			
Frequency Range	50/60 Hz ( Auto Sensing )			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	230VAC±5%			
Surge Power	6000VA		10000VA	
Efficiency (Peak)	up to 93.5%			
Transfer Time	10 ms (For Personal Computers) ; 20 ms(For Home Appliances)			
Waveform	Pure sine wave			
BATTERY				
Battery Voltage	24VDC		48VDC	
Floating Charge Voltage	27VDC		54VDC	
Overcharge Protection	33VDC		63VDC	
SOLAR CHARGER & AC CHARGER				
Maximum PV Array Open Circuit Voltage	150VDC		500VDC	
Maximum PV Array Power	2500WV		5000W	
MPPT Range @ Operating Voltage	40-150VDC		120-450VDC	
Maximum Solar Charge Current	100A		100A	
Maximum AC Charge Current	80A		80A	
Maximum Charge Current	100A		100A	
PHYSICAL				
Dimension, D*W*H(mm)	860*515*150			
Net Weight (kgs)	60			
Communication Interface	USB/RS232			
ENVIRONMENT				
Humidity	5% to 95% Relative Humidity (Non-condensing)			
Operating Temperature	-10°C to 50°C			
Storage Temperature	-15°C to 60°C			
LITHIUM BATTERY				
Batteries materials	Lithium iron phosphate			
Series parallel mode(s series,P parallel)	16S1P			
Nominal voltage	51.2V			
Nominal capacity	100Ah			
Color	Optional			
Charging way	CP/VP			
Charging current	0.2C(standard)			
Maximum charging current	Max 0.5C@25°C			
Charge cut-off voltage	58.4V/CELL			
Discharge way	CP/VP			
Discharge current	1C			
Maximum discharge current	Max 1C@25°C			
Discharge cut-off voltage	44.8V			
Display	LCD			
Charging operating temperature	Charging:0~+50°C			
Discharge operating temperature	Discharge:-20~+55°C			

Product specifications are subject to change without prior notice.