

ALL IN ONE SOLAR SYSTEM

3000W ~ 5000W



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

Technical Data

MODEL	GSWT-3KW	GSWT-5KW
Rated Power	3000VA/3000W	5000VA/5000W
INPUT		
Voltage	230 VAc	
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/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	2500W	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 x W X 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.