MUST®

100% PURE SINE WAVE HOME INVERTER

USER'S MANUAL

Portable photovoltaic energy storage power station

1.2-3KW

The software supports installation on Windows systems.
Scan the QR code for download or visit the website for downloading: https://sw.mustpower.com

Scan QR code for manual

Appliances

PC | TV | Air-conditioning | Fridge | Washing machine

4200-100019-0100

Contents

ABOUT THE MANUAL

Purpose

This manual describes the operation and troubleshooting of the equipment. Please read this manual carefully before operation.
Retain this manual for future reference.

Scope

This manual provides safety guidelines and information on tools and wiring.

The following situations are not covered by the warranty :

(1) Overdue the warranty period .
(2) The serial number has been changed or lost.
(3) The battery capacity is the lowest or the appearance of the device is damaged.
(4) External factors such as transportation,negligence,etc.
(5) This equipment has been damaged by an irresistible natural disaster .
(6) Damage caused by not following the power supply conditions or operating environment .

SAFETY NOTICE

WARNING: This chapter contains important safety and operating instructions. Read and save this manual for future reference.

1. Before using this unit , please read all instructions and precautions on this unit , understand all relevant chapters in this manual to Prevent explosion which may lead to personal injury and battery damage.

2. Do not disassemble the unit . When service or repair is required , send it to a professional service center . Incorrect assembly may result in electric shock or fire.

3. To reduce the risk of electric shock , disconnect all wiring before attempting any maintenance or cleaning . Turning off the device does not reduce this risk.

4. Caution - Only professionals should install this device.

5. Grounding Instructions - This equipment should be connected to a permanently grounded wiring system. Be sure to comply with local requirements and regulations to use this device.

INTRODUCTION

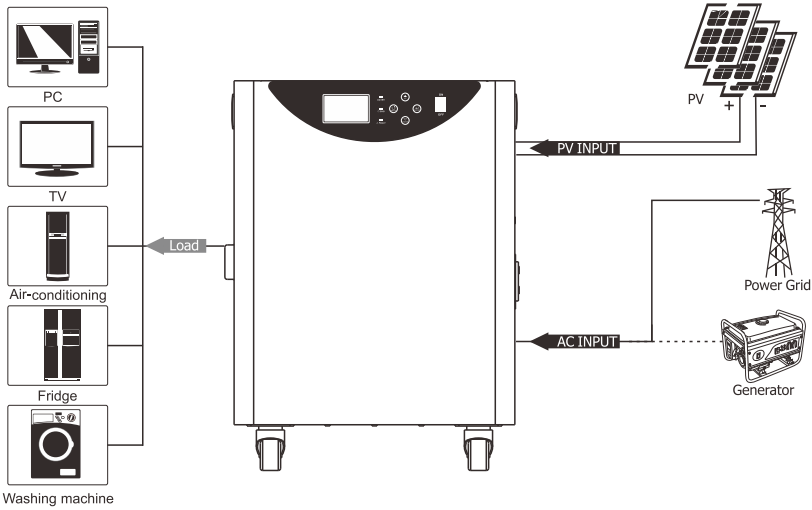
This is a multi-functional photovoltaic energy storage power station, integrated with battery, MPPT solar charge controller, high frequency pure sine wave inverter and UPS function module into one , which is suitable for outdoor backup electric compartment and spontaneous self-use system.

MPPT solar charge controller adopts advanced MPPT method and intelligent battery management design, which ensures the acquisition of maximum energy. High frequency pure sine wave inverter adopts high frequency design , achievement high rate density , small size , simple operation and other advantages. The whole machine has high efficiency and the empty load loss is small, which uses large capacity basket and high-density hammer pool to improve portability of the system.

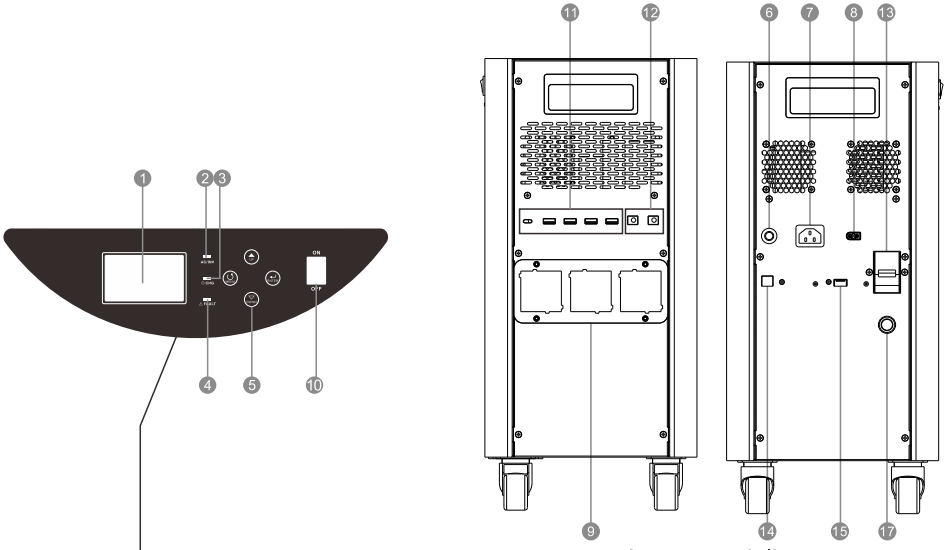
Features

- Pure sine Wave AC Output Inverter with 1.2KW - 3KW rated power and power factor 1.
- High power density with universal wheels and high portability.
- Setting input voltage and voltage range on the LCD Screen.
- 5V USB and 12V DC output supported.
- AC/PV input and battery priority level configurable on LCD.
- Protection functions such as overload, over temperature and short circuit.

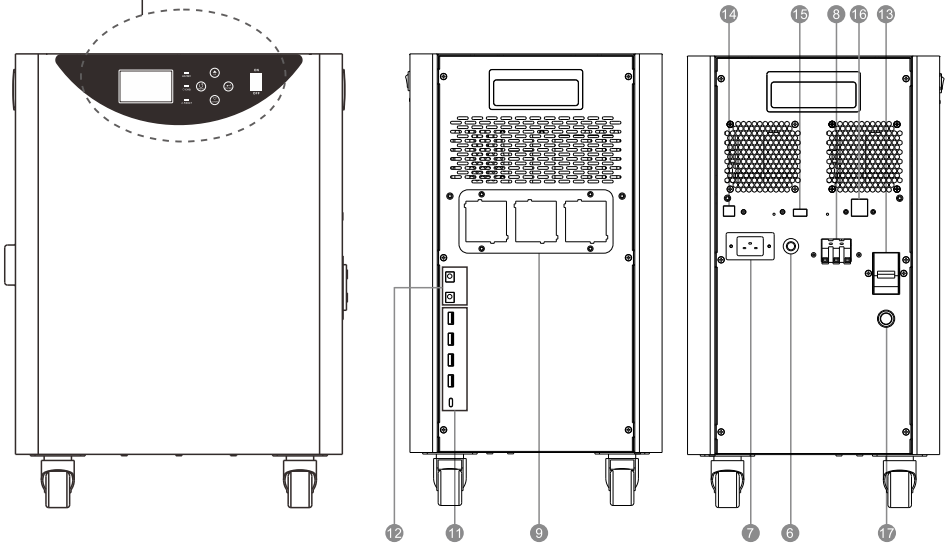
Basic System Structure



Product Description



(1.2KW model)

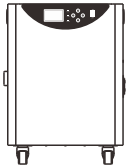


(2-3KW model)

1. LCD display
2. Status Indicator
3. Charging Indicator
4. Fault Indicator
5. Function Button
6. AC Input Over-current Protection
7. AC Input Port
8. PV Input Terminal
9. AC Output Socket
10. ON/OFF Switch
11. DC5V USB Output
12. DC12V Output
13. Battery Breaker
14. USB-A Communication Port
15. USB WI-FI
16. Dry Contact
17. Battery Restart Button

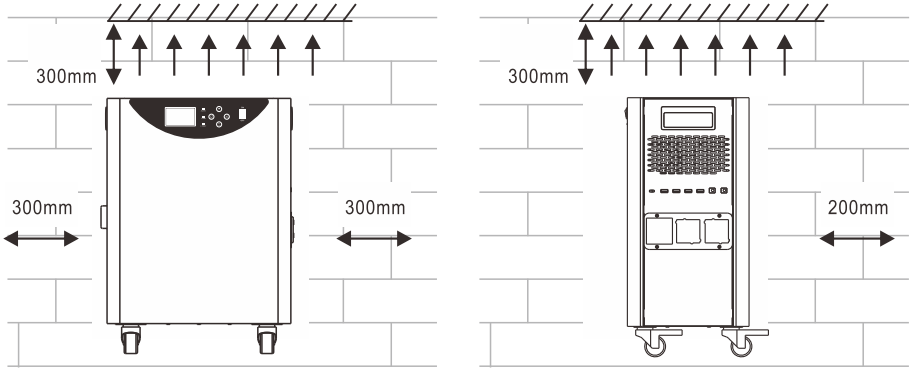
PART LIST

Make sure nothing in the package is damaged. You should have received the following items inside the package.

				
Machine X 1	User manual X 1	Mains input line X 1	USB cable X 1	PV input cable X 1 (For 1.2KW model)

OPERATION

Before turning on the device, please reserve a distance of more than 300mm above the device and 300mm to the left and right to ensure for heat dissipation. To ensure the best operation, the ambient temperature should be between 0-45 ° C.



PV Panel Selection

When choosing the right PV module, be sure to consider the following parameters:

1. The open-circuit voltage (VOC) of the PV module does not exceed the maximum open-circuit voltage of the PV array of the inverter.

2. The open circuit voltage (VOC) of the PV module should be higher than the minimum value of the cell voltage.

3. The maximum power point voltage of the photovoltaic array should be close to the MPPT optimal working voltage of the inverter or within the MPPT working voltage range. If a photovoltaic module cannot meet this requirement, it is necessary to connect the photovoltaic modules in series to meet the requirements. See the table below.

Power	1.2KW	2KW	3KW
Maximum charging current	60A		
PV open circuit voltage	105VDC	160VDC	160VDC
Photovoltaic MPPT voltage range	15-105VDC	30-128VDC	30-128VDC
System battery voltage	12.8VDC	25.6VDC	25.6VDC

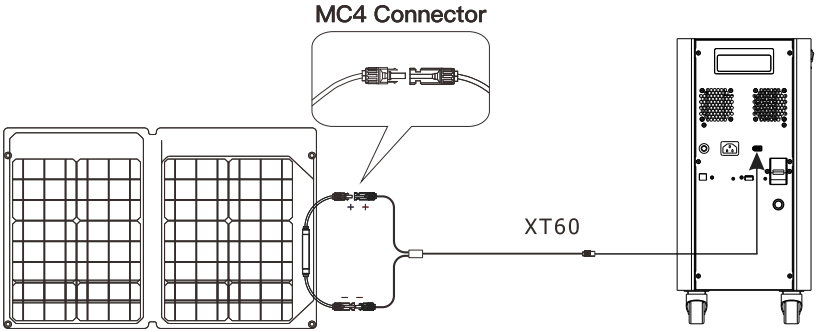
PV Panel Connection

WARNING! All wiring must be performed by a qualified personnel.

WARNING! It's very important for system safety and efficient operation to use appropriate cable for PV module connection. To reduce risk of injury, please use the proper recommended cable size as below.

Model	Typical Amperage	Cable size	Torque Value
3KW DC24V	18A	12AWG	1.2~1.6Nm
2KW DC24V			
1.2KW DC12V	10A	14AWG	

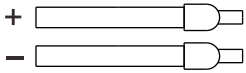
For 1.2KW model, connect PV panel to the unit trough the XT60 PV input port.

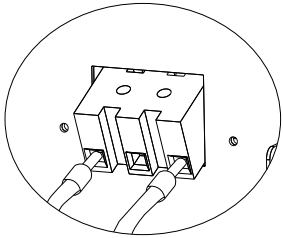


For 2KW/3KW models, please follow below steps to implement PV module connection:

- **Step1** Remove cable glands from the positive and negative connectors.
- **Step2** Insert the conductor into the suitable ferrule acc. to DIN 46228-4 and crimp the contact.
- **Step3** Insert PV input wires according to polarities indicated on terminal block and tighten the terminal screws.

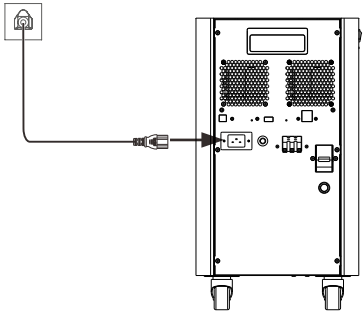
PV+ → PV input Positive (Red)
PV- → PV input Negative (Black)





AC Input Connection

Use the mains input line which is contained in the package to charge the battery. Connect the unit to the grid through the AC input port.



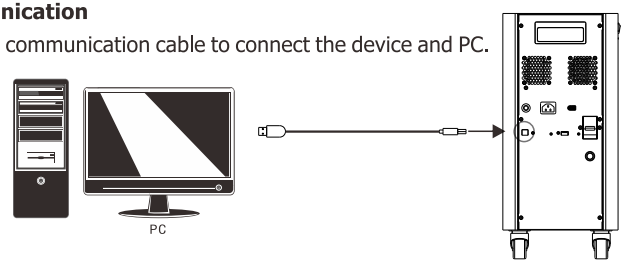
Dry Contact Signal

There is one dry contact (3A/250VAC) available on the rear panel (3KW model). It could be used to deliver signal to external device when battery voltage reaches warning level.

Unit status	Condition			Dry contact port: 	
				NC&C	NO&C
Power Off	Unit is off and no output is powered.			Close	Open
Power On	output is powered from Utility			Close	Open
	Output is powered from Battery or Solar.	Program 01 set as utility	Battery voltage<Low DC warning voltage	Open	Close
			Battery voltage>Setting value in Program 21	Close	Open
		Program 01 is set as SBU, SUB, solar first	Battery voltage<Setting value in Program 20	Open	Close
			Battery voltage>Setting value in Program 21	Close	Open

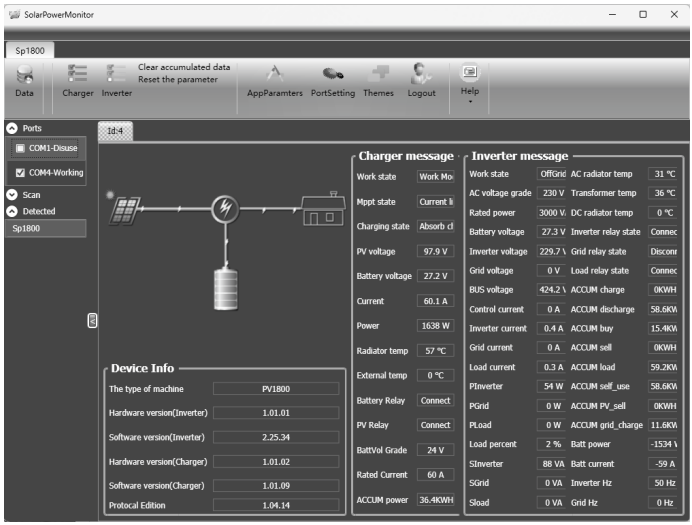
Upper Computer Communication

Please use the supplied USB communication cable to connect the device and PC.



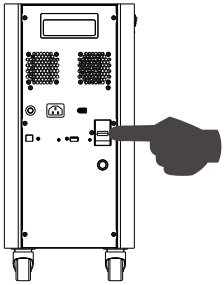
Download the software by link on the first page of this manual into PC and follow instruction on screen to install the monitoring software.

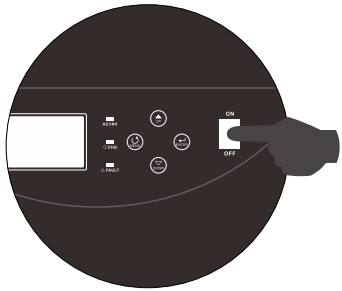
For the detailed software operation, please consult the seller if you have any questions.



Power ON/OFF

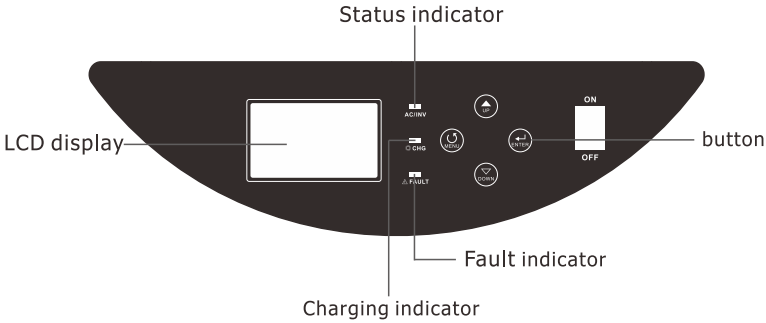
Turn on the battery breaker on the right side of the unit. You can take power from DC output without turning on the unit.The unit could be turned on by simply pressing the ON/OFF switch(located on the front of the case). After power on, you can directly take power from the AC output socket.





Operation and Display Panel

The operation and display panel, shown in below chart, is on the front panel of the inverter. It includes three indicators, four function keys and a LCD display, indicating the operating status and input/output power information.



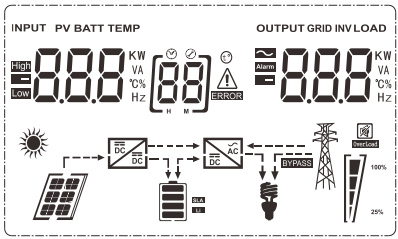
LED Indicator

LED Indicator			Messages
AC/ INV	Green	Solid On	Output is powered by grid in Line mode.
		Flashing	Output is powered by battery or PV in battery mode.
✹ CHG	Yellow	Flashing	Charging conditions exist.
⚠ FAULT	Red	Solid On	Fault occurs in the inverter.
		Flashing	Warning condition occurs in the inverter.

Function Keys

Function Keys	Description
MENU	Enter reset mode or setting mode go to previous selection.
UP	Increase the setting data.
DOWN	Decrease the setting data.
ENTER	Enter setting mode and Confirm the selection in setting mode go to next selection or exit the reset mode.

LCD Display Icons



Icon	Function description
Input Source Information and Output Information	
	Indicates the AC information.
	Indicates the DC information.
KW VA ℃% Hz	Indicate input voltage, input frequency, PV voltage, battery voltage and charger current. Indicate output voltage, output frequency, load in VA, load in Watt and discharging current.
Configuration Program and Fault Information	
	Indicates the setting programs.
ERROR	Indicates the warning and fault codes. Warning: flashing with warning code. Fault: lighting ERROR with fault code.
Battery Information	
SLA LI	Indicates battery level by 0-24%, 25-49%, 50-74% and 75-100% in battery mode and charging status in line mode.

In AC mode, it will present battery charging status.

Status	Battery voltage	LCD Display
Constant Current mode / Constant Voltage mode	<2V/cell	4 bars will flash in turns.
	2 ~ 2.083V/cell	Bottom bar will be on and the other three bars will flash in turns.
	2.083 ~ 2.167V/cell	Bottom two bars will be on and the other two bars will flash in turns.
	> 2.167 V/cell	Bottom three bars will be on and the top bar will flash.
Batteries are fully charged.		4 bars will be on.

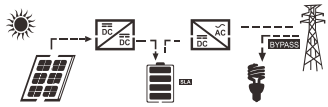
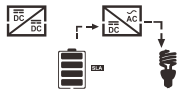
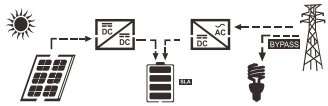
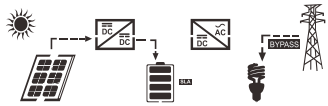
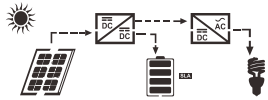
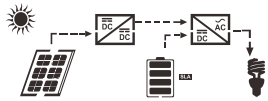
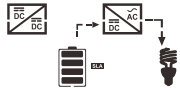
In battery mode, it will present battery capacity.		
Load Percentage	Battery Voltage	LCD Display
Load >50%	< 1.717V/cell	
	1.717V/cell ~ 1.8V/cell	
	1.8 ~ 1.883V/cell	
	> 1.883 V/cell	
50%> Load > 20%	< 1.817V/cell	
	1.817V/cell ~ 1.9V/cell	
	1.9 ~ 1.983V/cell	
	> 1.983V/cell	
Load < 20%	< 1.867V/cell	
	1.867V/cell ~ 1.95V/cell	
	1.95 ~ 2.033V/cell	
	> 2.033V/cell	

Load Information				
OVER LOAD	Indicates overload.			
	Indicates the load level by 0-24%, 25-49%, 50-74% and 75-100%.			
	0%~24%	25%~49%	50%~74%	75%~100%
				

Mode Operation Information	
	Indicates unit connected to the mains.
	Indicates unit connected to the PV panel.
BYPASS	Indicates load is supplied by utility power.
	Indicates the solar charger is working.
	Indicates the DC/AC inverter circuit is working.

Mute Operation	
	Indicates unit alarm is disabled.

Operating State Description

Operation state	Description	LCD display
Utility-Tie state	PV energy is charger into the battery and utility provide power to the AC load.	PV is on 
		PV is off 
Charge state	PV energy and grid can charge batteries.	
Bypass state	Error are caused by inside circuit error or external reasons such as over temperature, output short circuited and so on.	
Off-Grid state	The inverter will provide output power from battery and PV power.	Inverter power loads from PV energy 
		Inverter power loads from battery and PV energy 
		Inverter power loads from battery only 
Stop mode	The inverter stop working if you turn off the inverter by the soft key or error has occurred in the condition of no grid.	

Display Setting

The LCD display information will be switched in turns by pressing "UP" or "DOWN" key. The selectable information is switched as below order: battery voltage, battery current ,inverter voltage, inverter current, grid voltage, grid current, load in Watt, load in VA, grid frequency, inverter frequency, PV voltage, PV charging power, PV charging output voltage, PV charging current.

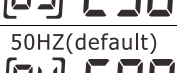
Selectable information	LCD display
Battery voltage/DC discharging current	
Inverter output voltage/Inverter output current	
Grid voltage/Grid current	
Load in Watt/VA	
Grid frequency/Inverter frequency	
PV voltage and power	
PV charger output voltage and MPPT charging current	

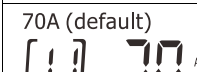
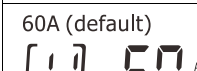
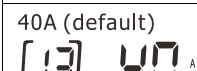
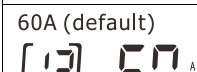
LCD Setting

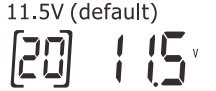
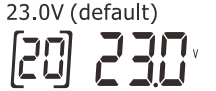
After pressing and holding "ENTER" button for 2 seconds, the unit will enter setting mode. Press "UP"or "DOWN" button to select setting programs. And then, press "ENTER" or "MENU" button to confirm the selection and exit.

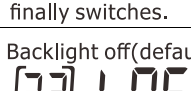
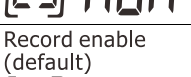
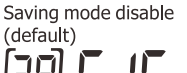
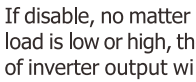
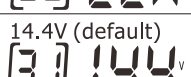
Setting Programs:

Program	Description	Selectable option	
00	Exit setting mode	Escape 	
01	Output source priority selection		Solar energy provides power to the loads as first priority. If battery voltage has been higher than the setting point in program 21 for 5 minutes, the inverter will turn to battery mode, solar and battery will provide power to the load at the same time. When the battery voltage drops to the setting point in program 20, the inverter will turn to bypass mode, utility provides power to the load only, and the solar will charge the battery at the same time.

01	Output source priority selection		Solar energy provides power to the loads as first priority. If battery voltage has been higher than the setting point in program 21 for 5 minutes, and the solar energy has been available for 5 minutes too, the inverter will turn to battery mode, solar and battery will provide power to the load at the same time. When the battery voltage drops to the setting point in program 20, the inverter will turn to bypass mode, utility provides power to the load only, and the solar will charge the battery at the same time.
		(default) 	Utility will provide power to the loads as first priority. Solar and battery energy will provide power to the loads only when utility power is not available.
02	AC input voltage range	Appliances (default) 	If selected, acceptable AC input voltage range will be within 90-280VAC.
		UPS 	If selected, acceptable AC input voltage range will be within 170-280VAC.
		VDE 	If selected, acceptable AC input voltage range will conform to VDE4105(184VAC-253VAC)
		GEN 	When the user uses the device to connect the generator, select the generator mode.
03	Output voltage		Set the output voltage amplitude, (220VAC-240VAC)
04	Output frequency	50HZ(default) 	60HZ 
05	Solar supply priority		Solar energy provides power to charge battery as first priority
		(default) 	Solar energy provides power to the loads as first priority
06	Overload bypass: When enabled, the unit will transfer to line mode if overload occurs in battery mode.	Bypass disable 	Bypass enable (default) 

07	Auto restart when overload occurs	Restart disable (default) 	Restart enable 
08	Auto restart when over temperature occurs	Restart disable (default) 	Restart enable 
10	Charger source priority: To configure charger source priority	If this inverter/charger is working in Line, Standby or Fault mode, charger source can be programmed as below:	
		Solar first 	Solar energy will charge battery as first priority. Utility will charge battery only when solar energy is not available.
		Solar and Utility (default) 	Solar energy and utility will charge battery at the same time.
		Only Solar 	Solar energy will be the only charger source no matter utility is available or not.
		If this inverter/charger is working in Battery mode or Power saving mode, only solar energy can charge battery. Solar energy will charge battery if it's available and sufficient.	
11	Maximum charging current: (Max. charging current=utility charging current +solar charging current)	1.2KW	
		70A (default) 	Setting range is from 1 A to70A. Increment of each click is 1A.
	Maximum solar charging current	2/3KW	
		60A (default) 	Setting range is from 1 A to 60A. Increment of each click is 1A.
13	Maximum utility charging current	1.2KW	
		20A (default) 	10A/20A are settable.
		2KW	
		40A (default) 	Setting range is from 1 A to 40A. Increment of each click is 1A.
		3KW	
		60A (default) 	Setting range is from 1 A to 60A. Increment of each click is 1A.

17	Bulk charging voltage (C.V voltage)	1.2KW	
		14.2V (default) 	Setting range is from 12.0V to 14.6V. Increment of each click is 0.1V
		2/3KW	
		28.4V (default) 	Setting range is from 24.0V to 29.2V for. Increment of each click is 0.1V
18	Floating charging voltage	1.2KW	
		13.5V (default) 	Setting range is from 12.0V to 14.6V. Increment of each click is 0.1V.
		2/3KW	
		27.0V (default) 	Setting range is from 24.0V to 29.2V. Increment of each click is 0.1V.
19	Low DC cut off battery voltage setting	1.2KW	
		11.2V (default) 	Setting range is from 10.0V to 12.0V. Increment of each click is 0.1V.
		2/3KW	
		22.4V (default) 	Setting range is from 20.0V to 24.0V. Increment of each click is 0.1V.
20	Battery stop discharging voltage when grid is available (Program 01 is set to SBU)	1.2KW	
		11.5V (default) 	Setting range is from 11.0V to 14.5V. Increment of each click is 0.1V
		2/3KW	
		23.0V (default) 	Setting range is from 22.0V to 29.0V. Increment of each click is 0.1V
21	Battery stop charging voltage when grid is available(Program 01 is set to SBU)	1.2KW	
		13.5V (default) 	Setting range is from 11.0V to 14.5V. Increment of each click is 0.1V
		2/3KW	
		27.0V (default) 	Setting range is from 22.0V to 29.0V. Increment of each click is 0.1V

22	Auto turn page	(default) 	If selected, the display screen will auto turn the display page.
			If selected, the display screen will stay at latest screen user finally switches.
23	Backlight control	Backlight on 	Backlight off(default) 
24	Alarm control	Alarm on (default) 	Alarm off 
25	Beeps while primary source is interrupted	Alarm on 	Alarm off (default) 
27	Record Fault code	Record enable (default) 	Record disable 
29	Power saving mode enable/ disable	Saving mode disable (default) 	If disable, no matter connected load is low or high, the on/off status of inverter output will not be effected.
		Saving mode enable 	If enable, the output of inverter will be off when connected load is pretty low or not detected.
30	Battery equalization	Battery equalization 	Battery equalization disable(default) 
31	Battery equalization voltage	14.4V (default) 	Setting range is from 12.0V to 14.5V for 1KW models. Increment of each click is 0.1V.
		28.8V (default) 	Setting range is from 24V to 29.0V for 2-3KW models. Increment of each click is 0.1V.
33	Battery equalization time	60min(default) 	Setting range is from 5 min to 900min. Increment of each clink is 5min.
34	Battery equalization timeout	120min(default) 	Setting range is from 5 min to 900min. Increment of each clink is 5min.
35	Equalization interval	30days(default) 	Setting range is from 0 to 90days. Increment of each clink is 1 day.

36	Equalization activated immediately	Enable 36 AEn	Disable(default) 36 AdS
		If equalization function is enabled in program 30, this program can be set up. If "Enable"is selected in this program, it's to activate battery equalization immediately and LCD main page will shows " Eq ". If "Disable" is selected, it will cancel equalization function until next activated equalization time arrives based on program 35 setting. At this time, " Eq " will be shown in LCD main page too.	

After pressing and holding "MENU" button for 6 seconds, the unit will enter reset model. Press "Up"and "DOWN" button to select programs. And then ,press "ENTER" button to exit.

SEt	(default) db nrt	Reset setting disable.
	db rSt	Reset setting enable.

Battery Restart

There is a red restart button marked "RST" below the battery breaker. Its function is to release the protection state of battery and to restart the battery.

1.When the unit is shut down automatically, please remove all loads from the AC sockets and DC output ports.

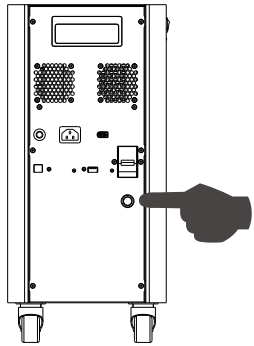
2.Please check whether there are any abnormal conditions such as voltage, current, temperature, etc. refer to the TROUBLE SHOOTING table.

3.After the abnormal condition is resolved, please confirm that the battery breaker is ON, and press the ON/OFF switch to restart the unit. If it doesn't work, the battery is protected.

4.Press the red restart button to restart the battery. Then press the ON/OFF switch to turn on the unit again.

5.If "04" error or "64" warning occur after the unit restart, please connect PV panel or connect the grid to charge the battery immediately. Otherwise, the battery will be protected again in a short time.

6.If the unit still can't be turned on, please contact repair center.



Fault Reference Code

Fault Code	Fault Event	Icon on
01	Fan is locked when inverter is off	
02	Inverter transformer over temperature	
03	battery voltage is too high	
04	battery voltage is too low	
05	Output short circuited	
06	Inverter output voltage is high	
07	Overload time out	
08	Inverter bus voltage is too high	
09	Bus soft start failed	
11	Main relay failed	
21	Inverter output voltage sensor error	
22	Inverter grid voltage sensor error	
23	Inverter output current sensor error	
24	Inverter grid current sensor error	
25	Inverter load current sensor error	
26	Inverter grid over current error	
27	Inverter radiator over temperature	
31	Solar charger battery voltage class error	
32	Solar charger current sensor error	
33	Solar charger current is uncontrollable	
41	Inverter grid voltage is low	
42	Inverter grid voltage is high	

43	Inverter grid under frequency	
44	Inverter grid over frequency	
51	Inverter over current protection error	
52	Inverter bus voltage is too low	
53	Inverter soft start failed	
55	Over DC voltage in AC output	
56	Battery connection is open	
57	Inverter control current sensor error	
58	Inverter output voltage is too low	

Warning Indicator

Fault Code	Fault Event	Icon on
61	Fan is locked when inverter is on.	
62	Fan 2 is locked when inverter is on.	
63	Battery is over-charged.	
64	Low battery.	
67	Overload.	
70	Output power derating.	
72	Solar charger stops due to low battery.	
73	Solar charger stops due to high PV voltage.	
74	Solar charger stops due to over load.	
75	Solar charger over temperature.	
76	PV charger communication error.	
77	Parameter error.	

TROUBLE SHOOTING

Problem	LCD/LED/Buzzer	Explanation / Possible cause	What to do
Unit shuts down automatically during startup process.	LCD/LEDs and buzzer will be active for 3 seconds and then complete off.	The battery voltage is too low (< 1.91V/Cell)	1. Charge battery. 2. Return to repair center.
No response after power on.	No indication.	1. The battery voltage is far too low. (<1.4V/Cell) 2. Battery breaker is tripped. 3. Battery is protected.	1. Check if the battery breaker is ON. 2. Restart battery. 3. Charge battery. 4. Return to repair center.
Mains exist but the unit works in battery mode.	Input voltage is displayed as 0 on the LCD and green LED is flashing.	Input protector is tripped	Check if AC breaker is tripped and AC wiring is connected well.
	Green LED is flashing.	Insufficient quality of AC power (Shore or Generator)	1. Check if AC wires are too thin and/or too long. 2. Check if generator (if applied) is working well or if input voltage range setting is correct.(Appliance=>wide)
When the unit is turned on, internal relay is switched on and off repeatedly.	LCD display and LEDs are flashing	Battery is disconnected.	Check if the bettery breaker in ON.
Buzzer beeps continuously and red LED is on.	Fault code 07	Overload error. The inverter is overload 110% and time is up.	Reduce the connected load by switching off some equipment.
	Fault code 05	Output short circuited.	Check if wiring is connected well and remove abnormal load.
	Fault code 02	Internal temperature of inverter component is over 90oC.	Check whether the air flow of the unit is blocked or whether the ambient temperature is too high.
	Fault code 03	Battery is over-charged.	1. Stop charging battery. 2. Return to repair center.
	Fault code 01	Fan fault	Replace the fan.
	Fault code 06/58	Output abnormal (Inverter voltage below than 202Vac or is higher than 253Vac)	1. Reduce the connected load. 2. Return to repair center.
	Fault code 08/09/53/57	Internal components filed.	Return to repair center.
	Fault code 51	Over current or surge	Restart the unit, if the error happens again, please return to repair center.
	Fault code 52	Bus voltage is too low	
	Fault code 55	Output voltage is unbalanced	
	Fault code 56	1. Battery breaker is OFF. 2. Battery is protected. 3. Fuse is burnt.	If the battery breaker is ON, please return to repair center.

SPECIFICATIONS

MODEL			1212	2024	3024
INVERTER Output	Rated power		1200W	2000W	3000W
	Output Waveform		Pure Sine Wave		
	Output voltage		230V ±5%		
	Output frequency		50Hz / 60Hz (±0.2Hz)		
	Peak efficiency		90%		
	Standby Consumption		< 25W		
PV Input	Max charging current		60A (±3A)	60A (±3A)	60A (±3A)
	Max combined charging current		70A (±4A)	100A (±4A)	120A (±4A)
	Max efficiency		98% max		
	PV array open circuit voltage		105VDC	160VDC	160VDC
	PV Array MPPT Voltage Range		15~105V	30~128V	30~128V
AC Input	AC input voltage		230Vac ±5%		
	Input voltage range		90-280VAC		
	Nominal input frequency		50Hz / 60Hz (Auto detection)		
	Transfer time		10ms typical (UPS, VDE); 20ms typical (APL)		
	Max AC Charging current		20A (±4A)	40A (±4A)	60A (±4A)
DC Output	USB 5V		4PCS (5V 2A)		
	12V		2PCS (12V 1A)		
	Type-c		1PCS (5V 2A)		
Battery	Material		LiFePO4		
	Nominal voltage		12.8V	25.6V	
	Battery capacity		75Ah/960Wh 100Ah/1280Wh	75Ah/1920Wh 100Ah/2560Wh	100Ah/2560Wh 120Ah/3072Wh
	Rated current		100A	100A	150A
	Operation temperature	Charge	0℃ to 45℃		
		Discharge	-10℃ to 45℃		

GUARANTEECERTIFICATE

Serial No.: _____

Customer`s Name				Contact Person	
Address				Telephone No.	
Product/Model:		Post Code		Fax No.	
Date of purchase			Expire Date		
Dealer Signature			Customer Signature		

GUARANTEECERTIFICATE

Serial No.: _____

Customer`s Name				Contact Person	
Address				Telephone No.	
Product/Model:		Post Code		Fax No.	
Date of purchase			Expire Date		
Dealer Signature			Customer Signature		