



# Inverter 2000W with 55Amp Inverter Charger (38326)

## Owner's Manual



For safe and optimum performance, the Nature Power **Inverter 2000W with 55Amp Inverter Charger** must be used properly. Carefully read and follow all instructions and guidelines in this manual and give special attention to the **CAUTION** and **WARNING** statements.

## **PLEASE KEEP THIS MANUAL FOR FUTURE REFERENCE**

### **Disclaimer**

While every precaution has been taken to ensure the accuracy of the contents of this guide, **Nature Power** assumes no responsibility for errors or omissions. Note as well that specifications and product functionality may change without notice.

### **Important**

Please be sure to read and save the entire manual before using your **Nature Power Inverter-Charger**. Misuse may result in damage to the unit and/or cause harm or serious injury. Read manual in its entirety before using the unit and save manual for future reference.

### **Product Numbers**

**32326:** Inverter 2000W with 55Amp Inverter Charger

## **Table of Contents**

1.	INTRODUCTION .....	4
2.	PRODUCT DESCRIPTION.....	5
3.	INSTALLATION .....	5
4.	UNIT OPERATION .....	9
5.	TROUBLESHOOTING .....	11
6.	SPECIFICATIONS .....	14
7.	WARRANTY.....	15

## 1. INTRODUCTION

Thank you for purchasing the Nature Power Inverter 2000W with 55Amp Inverter Charger. With our state of the art, easy to use design, this product will offer you reliable service by providing AC power and 5V USB power for your home, cabin, boat, RV or Trailer and recharge your battery automatically when utility AC is available. The Nature Power Inverter 2000W with 55Amp Inverter Charger can run many AC-powered appliances when you need AC power anywhere. The 5V USB power can charge many USB-powered devices. The multi-stage battery charger will charge different type of batteries.

This manual will explain how to use this unit safely and effectively. Please read and follow these instructions and precautions carefully.

### **IMPORTANT SAFETY INFORMATION**

This section contains important safety information for the Nature Power Inverter 2000W with 55Amp Inverter Charger. Please read ALL instructions before use.

The Nature Power Inverter 2000W with 55Amp Inverter Charger contains no user-serviceable parts. See Warranty section for how to handle product issues.

### **WARNING: FIRE AND/OR CHEMICAL BURN HAZARD**

- Do not cover or obstruct any air vent openings and/or install in a zero-clearance compartment.

### **WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN DEATH OR SERIOUS INJURY**

- When working with electrical equipment or lead acid batteries, have someone nearby in case of an emergency.
- Study and follow all the battery manufacturer's specific precautions when installing, using and servicing the battery connected to the inverter.
- Wear eye protection and gloves.
- Avoid touching your eyes while using this unit.
- Keep fresh water and soap on hand in the event battery acid comes in contact with eyes. If this occurs, cleanse right away with soap and water for a minimum of 15 minutes and seek medical attention.
- Batteries produce explosive gases. **DO NOT** smoke or have an open spark or fire near the system.
- Keep unit away from moist or damp areas.
- Avoid dropping any metal tool or object on the battery. Doing so could create a spark or short circuit which goes through the battery or another electrical tool that may create an explosion.

### **WARNING: Shock Hazard. Keep away from children!**

- Avoid moisture. Never expose unit to snow, water etc.
- Unit provides 120 Vac, treat the GFCI output socket the same as regular wall AC sockets at home.

### **WARNING: Explosion hazard!**

- DO NOT use the unit in the vicinity of flammable fumes or gases (such as propane tanks or large engines).
- AVOID covering the ventilation openings. Always operate unit in an open area.
- Prolonged contact to high heat or freezing temperatures will decrease the working life of the unit.

### **FCC INFORMATION**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is

connected.

- Consult the dealer or an experienced radio/TV technician for help.

## LIMITATIONS ON USE

Do not use in connection with life support systems or other medical equipment or devices.

## 2. PRODUCT DESCRIPTION

The Nature Power Sinewave Inverter-Charger includes the items list below.

- Inverter-Charger base unit (one of the following models)  
32326: Inverter 2000W with 55Amp Inverter Charger Owner's manual

## 3. INSTALLATION

**WARNING:** Nature Power recommends that all wiring be done by a certified technician or electrician to ensure adherence to the applicable electrical safety wiring regulations and installation codes. Failure to follow these instructions can damage the unit and could also result in personal injury or loss of life.

### CAUTION:

Before beginning unit installation, please consider the following:

- The unit should be used or stored in an indoor area away from direct sunlight, heat, moisture or conductive contaminants.
- When placing the unit, allow a minimum of three inches of space around the unit for optimal ventilation.

### Understanding the unit features

#### *AC Output Front Panel*

#### AC Wiring Compartment:

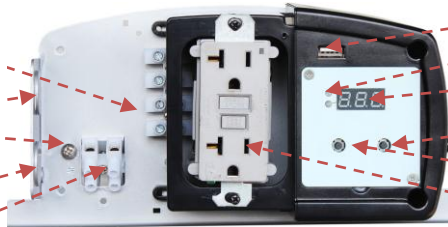
AC Output Port 1 & 2

AC Output strain relief

AC Ground

AC Output strain relief

AC Input port



USB Output

Status Indicator

Display

On/Off button

Select button

AC Output Port 3 (GFCI)

#### *DC Input Rear Panel*

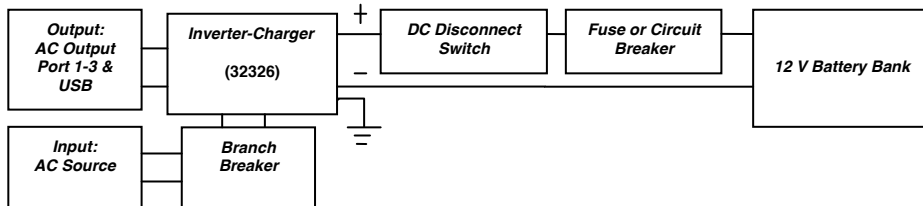
Fan opening



DC Input Terminals

## Preparing for Installation

Typical Wiring block diagram of the Power Inverter:



### **12V Battery Bank:**

- The use of deep cycle battery is highly recommended for power inverter application
- For battery size, you need to identify what you wish to operate, and for how long. NATURE POWER recommends that you purchase as much battery capacity as possible. See more on Battery Run time and Load in Section 4.

### **Fuse or Circuit Breaker:**

- DC-rated fuse or DC-rated circuit breaker connected along the DC positive line is required.
- For 32326, select a fuse or circuit breaker with a minimum of 300 Adc
- Based on the size of your 12V Battery Bank, determine the overall short circuit current rating of the battery bank from the battery manufacturer. The fuse or circuit breaker chosen has to be able to withstand the short circuit current that may be generated by the battery bank

### **Disconnect Switch:**

- Select a DC Disconnect Switch with the same or higher rating of the selected fuse or circuit breaker.
- The DC Disconnect Switch is used to disconnect the DC power between the unit and the battery bank during service, maintenance or trouble shooting.

### **DC Input and Grounding Cable:**

- Use of low resistance wire is required for all the DC connections between the unit and the battery bank.
- For 32326, use minimum #2/0 AWG wire with maximum cable length of 5 feet.
- Important:** The unit is grounded through the ground stud of the unit located near the DC Input terminal.
- For the grounding cable connected between the unit's chassis and the earth ground, use a matching cable size as used on the DC Input Cable section.

### **AC Input Source and Branch Breaker:**

- Standard AC Input wire is required for all the AC connections between the AC source & the AC Input port, and the AC Output ports to load.
- A 30A branch circuit breaker is required to connect between AC Input source and unit's AC Input port.

**Important:** Follow the electrical and or building code when you connect the unit to any AC source.

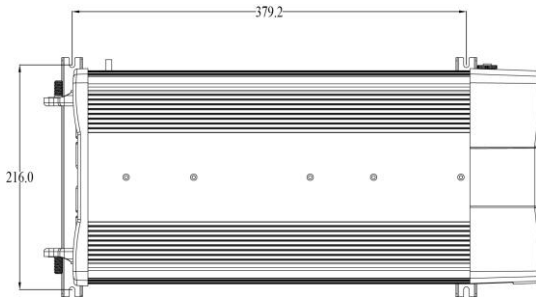
## Installing the Inverter-Charger System

### **WARNING: Electrical Shock Hazard**

The unit 'On/Off' switch does not disconnect the DC power from the battery. Use the DC Disconnect Switch or disconnect the DC input cables connection to disconnect the DC power from the battery before working on any circuits connected to the unit. Failure to follow these instructions can result in death or serious injury.

### **Installation:**

- Choose an appropriate mounting location.
- For indoor use, the unit can be mounted in any direction except with the DC Input panel facing downwards.
- Use the mounting template below to mark the positions of the mounting screws.
- Drill the 4 mounting holes and place the Inverter-Charger in position and fasten the unit to the mounting surface.



### **Chassis Grounding Connection:**

**DANGER:** The unit chassis has to be grounded properly. Never operate the Inverter-Charger without proper grounding. Failure to do so will result in death or serious injury.

- Connect the grounding cable's ring terminal to the unit ground screw.
- Connect the other side of the cable to the common grounding point.

### **DC Input Connection:**

**CAUTION:** Reversing the DC Input terminal will damage the unit and it cannot be repaired. Damage caused by reverse polarity connection is not covered by the warranty.

- Connect one end of the negative DC input cable to the Inverter-Charger DC negative terminal. Connect the other end of the negative DC input cable to the battery negative terminal.
- Make sure the Disconnect Switch is in the OFF position.
- Connect one end of the positive DC input cable to the Power Inverter DC positive terminal. Connect the other end of the positive DC input cable to one of the terminals of the Disconnect Switch.
- Connect a DC input cable between the other terminal of the Disconnect Switch and one side of the terminal of the fuse holder.
- Connect a DC input cable between the other terminal of the fuse holder and the battery positive terminal.
- Install the selected fuse to the fuse holder.
- Turn Disconnect Switch to ON position.

### **AC Input Connections:**

**Warning:** Please double check on the location of the AC input port located inside the wiring compartment. Misconnecting to the AC output port inside the same compartment will blow the unit and may catch fire. Before making any AC Input and output connection, please be sure the AC Input Source is not energized and the DC disconnect switch is OFF.

**Important:** A 30A branch breaker (not provided) is required to connect between the AC source and the Inverter-Charger.

- Remove AC compartment cover by unscrewing the two screws located at the front of the AC compartment cover.
- Connect the AC Input 'L' wire between the unit's AC Input port and the branch breaker terminal.
- Connect the AC Input 'N' wire between the unit's AC Input port and the AC source 'N' terminal.

### **AC Output Connections:**

**CAUTION:** Please be sure that the AC Input source is not energized before making any AC Input and Output connection and that the DC disconnect switch is turned OFF.

The AC Output connection has three types of configurations:

- 1) Use of the provided GFCI AC socket for AC load:  
This configuration does not require AC Output installation. Plug in the AC load to the provided GFCI output socket. During the by-pass mode, the AC output is limited to 20A for 2000W model (32326).
- 2) Hardwire AC Output with GFCI protection:  
This configuration is for AC hardwire connection with a load that requires GFCI protection. During by-pass mode, the AC output is limited to 20A for 2000W model (32326).
  - Remove AC compartment cover located on the front panel of the unit.
  - Hardwire the AC load to the AC Output port 2. Please verify the 'L' and 'N' connection between the AC load and the AC Output port.
- 3) Hardwire AC Output without GFCI protection:  
This configuration is for AC hardwire connection with a load that does not require GFCI protection and maximizes the by-pass mode current to the rating of the branch breaker installed (maximum 30A).
  - Remove AC compartment cover located on the front panel of the unit.
  - Hardwire the AC load to the AC Output port 1. Please verify the 'L' and 'N' connection between the AC load and the AC Output port.

Note: During Battery Power Mode, all AC output is limited to 16.6A for 2000W model (32326).

### **Remote Display Connection:**

- The Remote Display on the unit is detachable. To install the remote to different location, an optional 6 pin standard RJ12 cable (not provided) is required.
- Remove the 2 screws at the front of the Display Panel and remove the small RJ12 cable.
- Install the optional RJ12 standard cable to your desired location. Please note polarity.
- Connect one end of the RJ12 cable to the unit and the other end of the cable to the Display Panel. Please note polarity.

### **Test the Inverter-Charger connection:**

- Switch DC disconnect switch to ON.
- Switch the Branch circuit breaker to ON.
- The LED on display will turn on. If AC input source is available, 'Status' LED turns green. This indicates the unit is running in by-pass mode meaning AC output is running from the AC input source.
- LED located at the GFCI will also turn ON
- Disconnecting the AC input source by turning OFF the 30A branch breaker will change the 'Status' LED on the Display to amber.
- Both AC output and 5V USB are now available.
- Plug in a small AC load like a 40W table lamp or small appliance to the AC socket to verify AC is available.
- The unit is successfully installed and functioning properly.

### **Test the GFCI monthly:**

- Use the following instruction to perform a monthly test of the GFCI to ensure the GFCI is functioning properly.
- Turn unit on and plug a small AC load (e.g. 40W light bulb) to the GFCI.
- Check that the AC load is ON.
- Press 'Test' button and observe a clicking sound. Check that the AC load is turned off.
- Press 'RESET' button and check that the AC load is back ON again.



## 4. UNIT OPERATION

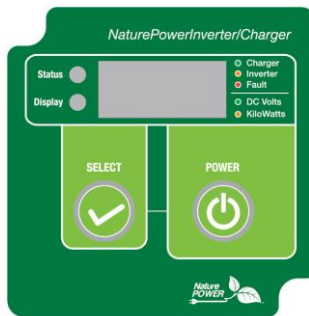
### **Auto Backup Mode (Factory default setting):**

The unit is fully automatic. When utility power is available, the unit is running in AC bypass mode. AC output is supplied from the utility. The internal AC charger is ON and will automatically top up the battery bank that is connected to the unit. When there is a power failure from the utility or an AC source is not available, the unit will run on battery power and the unit will generate sinewave AC output to maintain and operate the load continuously.

### **Non-Backup Mode**

Same as Auto Backup Mode but when there is a power failure of the utility or the AC input source is not available, the inverter will not turn ON automatically. You are required to manually turn ON the inverter.

### **Understanding the Display Function:**



Status LED	Display LED	Display	Function/Status
Green (solid)	Green	'Ful'	By-Pass Mode. Battery is fully charged
Green (flashing)	OFF	'bul'	By-Pass Mode. Battery charging in progress and is in 'BULK' mode
	OFF	'abs'	By-Pass Mode. Battery charging in progress and is in 'ABSORPTION' mode
Amber (solid)	Green	'12.5'	Battery Mode, inverter is running, display shows battery voltage in DC volts
	Amber	'0.80'	Battery Mode, inverter is running, display shows output power in kW (800W as shown)
Amber (flashing)	Battery Mode and AC Input is detected and AC output will switch to By-Pass mode within 20 seconds		
Red (solid)	OFF	E01-E12	Unit has shutdown. Display shows error code (See error code reference chart below)

### **Understanding the Power and Select push button function**

A beep sound will occur every time when the 'Power' or 'Select' button is trigger.

'Power' button function:

- Turns unit On/Off. Press and hold for 1 second to turn unit ON or OFF

'Select' button function:

- Check unit setting: Press once to check or verify unit's present set functions

### Understanding the Error Code

Code	Condition	Corrective Action
E01	Input battery voltage is too low and unit has shutdown	Recharge battery immediately and restart unit
E02	Input battery voltage is too high and unit has shutdown	Check battery voltage or determine if any external charger is connected to the battery bank
E03	AC output is overloaded or short circuited and unit has shutdown	Check load connected to the output. Reduce load and restart the unit
E04	Internal temperature is too high and unit has shutdown	Turn unit off and wait for 15 minutes before restarting. Check if any object has blocked the air flow of the unit
E05	Input battery voltage is low and warning occurs	Recharge battery as unit will shutdown shortly
E06	AC output has sensed high and is close to shutdown limit	Reduce load
E07	Internal temperature is high and is close to shutdown limit	Reduce load and check if any ventilation of the unit is blocked
E08	Not used	
E09	Not used	
E10	Battery Charging voltage too high	Check battery setting
E11	Battery bad	Battery did not accept charge
E12	Internal transfer switch temperature is high and shutdown occurs	Reduce load and check if any ventilation of the unit is blocked

### AC Load on Inverter

Although the Power Inverter can provide high surge power up to two times the rated output power, some high surge loads like sump-pumps, heavy duty motors etc. may still trigger the inverter protection system even though the load falls within the power rating of the inverter. A higher power Inverter-Charger is required for these appliances.

### Estimate Run time on Load

Following run times are estimates for reference, based on using different battery bank sizes. Actual run times may vary.

AC Load	Estimate run time on different 12V Battery Bank Size				
	60AH	120AH	180AH	240AH	300AH
50 W	11 hrs.	22 hrs.	33 hrs.	44 hrs.	55 hrs.
100 W	5 hrs.	11.5 hrs.	17 hrs.	23 hrs.	29 hrs.
200 W	2.5 hrs.	5 hrs.	8 hrs.	11 hrs.	13.5 hrs.
500 W	49 mins	2 hrs.	3 hrs.	4 hrs.	5 hrs.
1000 W	15 mins	49 mins	1.5 hrs.	2 hrs.	2.5 hrs.
1500 W	8 mins	27 mins	49 mins	1 hr	1.5 hrs
2000 W	N.R.	15 mins	34 mins	49 mins	1 hrs
2500 W	N.R.	11 mins	25 mins	37 mins	49 mins
3000 W	N.R.	N.R.	17 mins	27 mins	37 mins

**Note: N.R. - Not Recommended**

## 5. FEATURE SETTING

To understand more about the unit features, read the following section and follow the instructions to make changes to the desired setting.

### Default Factory Setting:

In (Inverter): In1- inverter enabled in standby mode with load sense off  
 Cu (Charger): 55A – charger enabled (55A for 32326)  
 AL (Alarm): AL1 – alarm enabled  
 Sd (UV shutdown): SdL – Under voltage shutdown set to low setting  
 bAt (Battery type): FLo – Flooded typed  
 Cb (Maximum current): Cb3 – Maximum Shore Power Current draw is 30A

### Understanding the Unit Settings

<b>Inverter Setting</b>	
In0	Inverter is disabled, unit will not provide backup function when utility power is not available
In1	Inverter is set to standby mode with power save mode OFF. Unit will provide backup function when utility power is not available
In2	Inverter is set to standby mode with power save mode ON. Unit will provide backup function only when utility power is not available AND the load connected to the output is >10W. Note: Unit will turns ON every 10 s to check on the power consumption.
<b>Charger Current Setting</b>	
5A – 40A	Bulk/Float current setting:
5A – 55A	32326: 5A/1.5A, 15A/3A, 35A/4A, 55A/6A
<b>Battery Type and Voltage Setting (Bulk/Absorption/Float)</b>	
FLo	Flooded: 14.4V / 14.4V / 13.5V
GEL	GEL: 14.2V / 14.2V / 13.8V
AG	AGM: 14.3V / 14.3V / 13.4V
Fi	Fixed: 13.5 Vdc fixed voltage
<b>Battery Under Voltage Setting</b>	
SdL	Battery under voltage setting is set to LOW (setting used for normal operation) Under voltage alarm: 11.0 Vdc Under voltage alarm recovery: 11.3 Vdc Under voltage shutdown: 10.5 Vdc Under voltage recovery: 12.0 Vdc
SdH	Battery under voltage setting is set to HIGH (setting to avoid battery over discharge when connected to car start battery) Under voltage alarm: 12.1 Vdc Under voltage alarm recovery: 12.3 Vdc Under voltage shutdown: 11.8 Vdc Under voltage recovery: 12.6 Vdc
<b>Alarm Setting</b>	
AL0	Fault and warning audible alarm is disabled. Display panel only shows error code and audible alarm will not sound.
AL1	Audible alarm will sound when fault or warning occurs.
<b>Maximum Shore Power Current Draw Setting</b>	
	<b>32326</b>
	<b>AC Load Current</b>
	<b>Charger Current</b>
Cb1	Set the maximum current draw from shore power to 15A. The maximum current draw from unit is set to match with the shore power circuit breaker rating to avoid tripping of the shore power circuit breaker during the by-pass mode. Battery charging current will automatically reduce when there is a high demand on AC load during the by-pass mode.
	>11Aac
	5 Adc

	>6Aac and <11Aac	15 Adc
	>1Aac and <6Aac	35 Adc
	<1Aac	55 Adc
Cb2	Same as above. Set the maximum current draw from shore power is 20A	
	>16Aac	5 Adc
	>11Aac and <16Aac	15 Adc
	>6Aac and <11Aac	35 Adc
	<6Aac	55 Adc
Cb3	Same as above. Set the maximum current draw from shore power is 30A	
	>26Aac	5 Adc
	>21Aac and <26Aac	15 Adc
	>16Aac and <21Aac	35 Adc
	<16Aac	55 Adc
<b>Manufacturing Default Setting</b>		
Fd	Reset all settings to manufacturing default settings (55A for 32326, In1, AL1, SdL, Flo, Cb3)	

### Understanding the Charger De-rating Current:

The charger current will be de-rated when the environment temperature reaches 60 °C (140 °F) or the internal temperature reaches the pre-set values.

Unit	De-rated Values	
Internal Temperature	>90°C (194°F)	Maximum charger will de-rated to half
	>95°C (203°F)	Charger current reduced to 5A
	<85°C (185°F)	Charger current recover back to set value
Environment Temperature	>60°C (140°F)	Charger current reduced to 5A
	>55°C (131°F)	Charger current recover back to set value

### Enter Function Menu for unit setting:

To enter unit Function Menu, press and hold “Power” and “Select” button together for about 5 seconds until a beep is sounded.

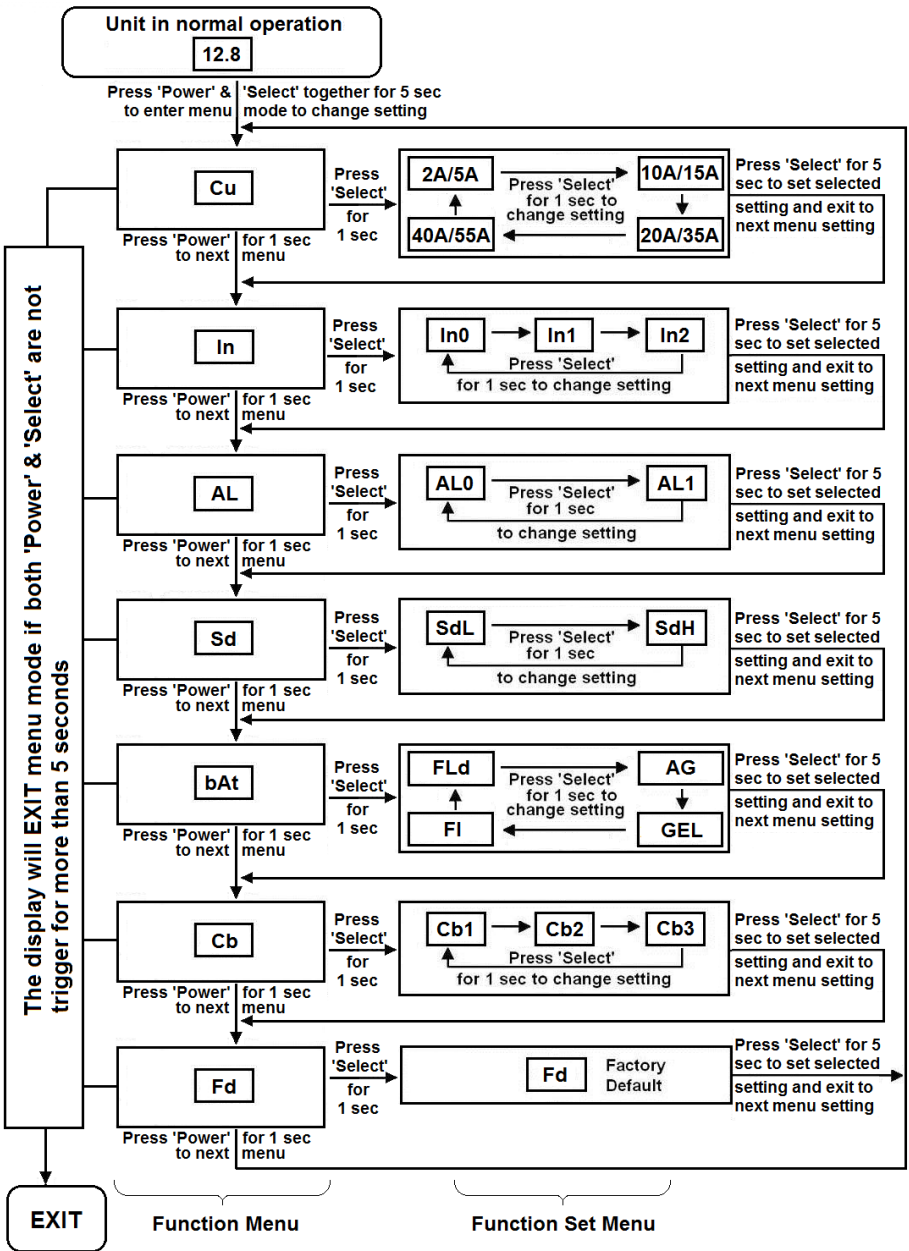
When you are in Function Menu:

- Press ‘Power’ button for 1 second to toggle between different Functions Menu like ‘Cu’, ‘In’, ‘AL’, ‘Sd’, ‘bAt’, ‘Cb’ and ‘Fd’ etc.
- Press ‘Select’ button for 1 second to enter Individual Function Set Menu and you can make change to the settings.
- The unit will EXIT the Main Menu automatically if ‘Power’ and ‘Select’ buttons is not trigger for more than 5 seconds.

When you are in Individual Function Set Menu:

- Press ‘Select’ button for 1 second to toggle between different setting values.
- Press ‘Select’ button for 5 seconds to set selected setting and exit to next Main Menu

See more details on flow chart below.



## 6. TROUBLESHOOTING

To troubleshoot the unit, please note the error code displayed on the main unit and review "Understanding the Error Codes" in section 4.

Problem	Symptom	Solution
No output voltage. And Status LED is off.	The unit is off	Turn unit ON by following the instruction in Section 4 to turn unit ON
	No power to unit	Check DC fuse, Disconnect switch (if installed) and check if Branch breaker is either blown or turned OFF
No AC output. Status LED is Green	GFCI is tripped	Check load and reset the GFCI
No Output. Status LED is in Amber	GFCI is tripped Check error code on display  Check AC Load Sense setting	Check load and reset the GFCI Verify the error condition and make correction AC Load connected must be below the AC Load sense setting

## 7. SPECIFICATIONS

*Note: Specifications are subject to change without notices.*

Specification	38326
<b>Inverter</b>	
AC Output Power	2000W
AC Output Current	16.6A
AC Surge Power (Peak)	4000W
AC Output Voltage/Frequency	120 VAC / 60 Hz
AC Output Waveform	Sinewave (<3% THD)
Nominal DC Input Voltage	12.5 VDC
No Load battery draw	< 1.5 ADC
DC Input Voltage operating range	10.5 – 15.5 VDC
Under Voltage Alarm	11.0/12.1 VDC
Under Voltage Alarm Recovery	11.3/12.3 VDC
Under Voltage Shutdown	10.5/11.8 VDC
Under Voltage Recovery	12.0/12.6 VDC
Over Voltage Shutdown	15.5 VDC
<b>USB</b>	
USB Port	5V, 750 mA
<b>AC Transfer Switch</b>	
Transfer Time	< 30 ms
Transfer Relay Rating	30A
AC Input Source Setting	15, 20, 30A
AC Output Port 1 (HW Connector)	30A
AC Output Port 2 (HW Connector, GFCI, CB)	20A
AC Output Port 3 (GFCI & CB)	20A
<b>Display</b>	
Display Panel Port	RJ12
Inverter Mode	Input Voltage, Output Power
Charger Mode	Status & Battery voltage
<b>Charger</b>	
Charging Voltage Range	13.5 -14.4 VDC
Float Voltage Range	13.4 – 13.8 VDC
Charger Current (max)	55 ADC
Charger Current Setting	5,15,35,55

Battery Type	Gel, Flooded, AGM, Fixed
Charge Control	Bulk/Absorption/Flooded
Efficiency	>80%
<b>Safety and Environmental</b>	
Conformance	Conforms to UL 458 Certified to CSA C22.2 no. 107.1
Agency Markings	cETLus
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	5-90% noncondensing
Operating Altitude	Up to 9,843ft (3000m) above sea level
<b>Weights and Dimensions</b>	
Weights	38326: 14.5 lbs (6.6 kg)
Dimensions	9.0 x 18.8 x 4.5" ( 230 x 478 x 114 mm)

## 8. WARRANTY

### One Year Limited Warranty

The limited warranty program is the only one that applies to this unit, and it sets forth all the responsibilities of Nature Power. There is no other warranty, other than those described herein. Any implied warranty of merchantability of fitness for a particular purpose on this unit is limited in duration to the duration of this warranty.

This unit is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from the date of purchase without additional charge. The warranty does not extend to subsequent purchasers or users.

Manufacturer will not be responsible for any amount of damage in excess of the retail purchase price of the unit under any circumstances. Incidental and consequential damages are specifically excluded from coverage under this warranty.

This unit is not intended for commercial use. This warranty does not apply to damage to units from misuse or incorrect installation/connection. Misuse includes wiring or connecting to improper polarity power sources.

If you are experiencing any problems with your unit, please contact our customer service department at [info@naturepowerproducts.com](mailto:info@naturepowerproducts.com) or Phone **1-800-588-0590** before returning product to retail store. After speaking to a customer service representative, if products are deemed non-working or malfunctioning, the product may be returned to the purchasing store.

If such a unit is returned less than one year from the purchase date, manufacturer will repair the unit or, at its discretion, replace it, free of charge. If the unit is repaired, new or reconditioned replacement parts may be used, at manufacturer's discretion. A unit may be replaced with a new or reconditioned unit of the same or comparable design. The repaired or replaced unit will then be warranted under these terms for the remainder of the warranty period. The customer is responsible for the shipping charges on all returned items.

#### Limitations:

This warranty does not cover accessories, such as adapters and batteries, damage or defects result from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping to our service facility, alterations, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire and flood.

Nature Power Inverters are Made in China.



**Customer Service: 1-800-588-0590**

**Email: [Info@naturepowerproducts.com](mailto:Info@naturepowerproducts.com)**

**Website: [www.naturepowerproducts.com](http://www.naturepowerproducts.com)**