



Solar Home and RV Kit 400 Watt And 800 Watt Version

Owner's Manual



DRAFT

For safe and optimum performance, the Solar Home and RV Kit 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

Note: Because unit contains 2 large batteries, upon purchasing, **immediately** charge unit for more than 48 hours through the utility (AC Power), or through the solar panel (sold separately) for more than 72 hours depending on the availability of the sun light. To guarantee maximum device performance and life span, if the unit is not connected continuously to utility power or not connected to the solar panel, it is recommended to charge the unit after *each* use and/or once every *90 days*.

Disclaimer

While every precaution has been taken to ensure the accuracy of the contents of this guide, **NATURE POWER PRODUCTS** 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 Solar Home and RV Kit 400 or 800 Watt** unit. 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 Number

40404 Solar Home and RV Kit 400W
40408 Solar Home and RV Kit 800W

Contact Information

Email: info@naturepowerproducts.com
Phone : 1-800-588-0590
Web : www.naturepowerproducts.com

Table of Contents

1.	INTRODUCTION	5
2.	PRODUCT DESCRIPTION	7
3.	INSTALLATION	7
4.	CONFIGURATION	10
5.	UNIT OPERATION	12
6.	TROUBLESHOOTING	15
7.	SPECIFICATIONS	15
8.	SOLAR PANEL	16
9.	WARRANTY	16

1. INTRODUCTION

Thank you for purchasing the NATURE POWER Solar Home and RV Kit. With our state of the art, easy to use design, this product will offer you reliable service for providing a solar-powered rechargeable power source for your home, cabin, or campsite. With its highly technical design and comprehensive features, the NATURE POWER Solar Home and RV Kit will provide you with a simple yet effective user experience as you learn to generate your own power.

The NATURE POWER Solar Home and RV Kit can run many AC-powered appliances whenever you need power. The automatic transfer switch built inside means that it can switch seamlessly from household utility power to the power you generate from the sun.

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

NOTE: Upon purchasing, immediately charge unit through utility power for 48 hours or through the solar panel (sold separately) for more than 72 hrs. To guarantee maximum device performance and life span, it is recommended to continuously connect the unit to utility power or solar panel to top up the internal battery or else to charge the unit after *each* use and once every *90 days*.

IMPORTANT SAFETY INFORMATION

This section contains important safety information for the NATURE POWER Solar Home and RV Kit. Each time, before using the unit, READ ALL instructions and cautionary markings on or provided with the system and all appropriate sections of this guide.

The NATURE POWER Solar Home and RV Kit contains no user-serviceable parts. See Warranty section for how to handle product issues.

FIRE AND/OR CHEMICAL BURN HAZARD

- Do not cover or obstruct any air vent openings and/or install in a zero-clearance compartment.
- Do not use the NATURE POWER Solar Home and RV Kit, if the unit is visibly leaking some type of liquid. It is possible that the internal battery has been damaged and battery acid may have spilled.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN DEATH OR SERIOUS INJURY

- When working with electrical equipment with lead acid batteries, have someone nearby in case of an emergency.
- 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 water.
- Unit provides 120 VAC from inverter or by pass utility power, treat the output sockets the same

as regular wall AC sockets at home.

WARNING: Explosion hazard!

- DO NOT use the NATURE POWER Solar Home and RV Kit 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. Unit exposure to these elements may lead to cracking and decreased capacity of the internal battery.

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.

BATTERY RECYCLING

The unit is designed to provide years of service. However, the internal battery is not designed to be user replaceable.



Because the internal battery installed inside the battery box contains lead, which can be hazardous if exposed to the environment, the battery box should be recycled or safely disposed of at your local recycling depot. Do not dispose of the battery box with common household waste. Please ask your local authorities about recycling services that are available in your area.

2. PRODUCT DESCRIPTION

The NATURE POWER Solar Home and RV Kit includes the items list below.

- Solar Home and RV Kit (400W and 800W version)
- Solar Input Cable
- AC Input Cable
- Owner's manual



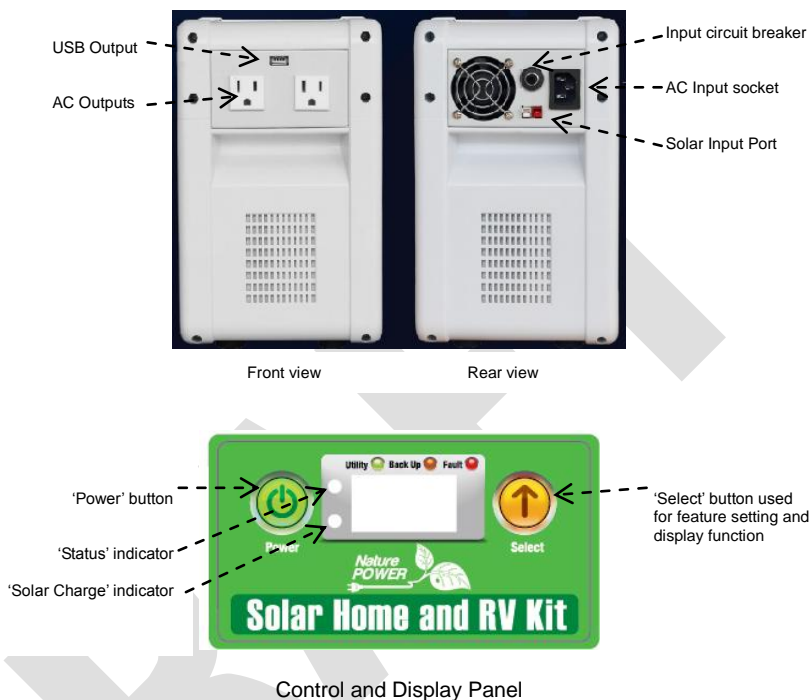
3. INSTALLATION

WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS CAN DAMAGE THE UNIT.

Before beginning your NATURE POWER Solar Home and RV Kit Installation, please consider the following:

- The NATURE POWER Solar Home and RV Kit base unit should be used or stored in an indoor area away from direct sunlight, heat, moisture or conductive contaminants. The solar panel (sold separately) of course can be installed outdoors where the best access to sunlight occurs.
- When placing the unit, allow a minimum of three inches of space around the unit for optimal ventilation.
- Charge battery immediately upon purchasing this product.
- To ensure optimum battery run time and life expectancy, leave NATURE POWER Solar Home and RV kit continuously plugged into utility AC power and/or leave solar panel plugged into the unit to charge internal battery.

Understanding the unit features



Main Unit Installation

IMPORTANT: The AC plug on the power supply cord is used as the disconnect device. The socket-outlet shall be installed near the equipment and shall be easily accessible for rapid disconnect.

To install the unit, connect the AC power cord (IEC end) to the back of the unit. Plug the other end of the AC input power cord directly into a wall outlet and unit is ready to use. Unit will automatically turn on.

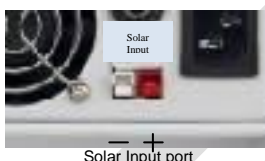
- If the battery capacity is low, 'Status' indicator on display panel turns to flashing green and display shows battery capacity and the unit will automatically charge up the battery.
 - If the battery is full, 'Status' indicator will turn to solid green and display show 'Full'.
- Unplug the input power cord to simulate power failure and the indicator on display will turn amber indicating unit is running in backup power mode. AC output is now being provided from battery power.
- Reconnecting the AC power cord back to a wall outlet will switch unit back to standby mode and AC output is now being provided directly from utility power again.
 - The unit is successfully installed and functioning properly.

PV Solar Panel Installation

The system comes with a solar input port and an internal solar charge controller rated at 140W

(17.5V 8A) that provides an alternative method to charge the internal battery. It is designed to be used with the optional NATURE POWER solar panels (please check our website for solar panel options). If a non-NATURE POWER Solar Home and RV Kit panel is used, be sure the solar panel is designed for a 12V battery system with 8A maximum current, 17.5V rated voltage and open circuit voltage less than 26 VDC. Please refer to the specifications label on the solar panel before connecting. Do not connect to a PV source capable of delivering more than 140W (17.5V 8A). The solar charge controller is a fully automatic self-sustaining device that will initiate the charge cycle only when solar power is available. It runs independently from the built-in AC charger. When a solar panel is connected to the Solar Input port, the 'Solar Charge' indicator located at the display panel indicates the charging status of the internal battery.

Note: If insufficient charge capacity is available from the solar source, it is recommended to use the built-in AC charger to complete the battery charging process through the utility once a month.



WARNING: Shock, fire and energy hazards. Make sure the solar panel is covered with an opaque sheet or facing the ground before connecting or disconnecting the cable wire to the solar input port located at the back of the unit. All wiring must be done in accordance with applicable local and national electrical wiring codes. Connect solar panel with higher voltage or current rating will permanently damage the unit and may cause fire and energy hazard.

Connect to optional NATURE POWER Solar Panel:

- Cover the solar panel with an opaque sheet or facing the ground before connecting the cable wire.
- Plug in the solar cable connector to the solar input port located at the back of the unit. Please note the polarity of the connector before connected. Improper connections (reversing the wire connection on the solar panel connection box) will cause the unit to malfunction and may permanently damage the unit. Damage caused by a reverse polarity connection is not covered by your warranty.
- Remove the opaque sheet or flip the solar panel with solar cell surface facing upwards. Adjust the mounting fringe of the solar panel to have the solar cell surface facing directly to the sunlight to achieve the maximum power. When sunlight is available, the 'Solar Charge' indicator located at the display panel should automatically turn on and the indicator should either flash or remain solid depending on the battery status.

NOTE: It is recommended to always charge the internal battery to a 100% state-of-charge, as shown by a steady green on "Solar Charger" indicator.

Connect to non-NATURE POWER Solar Panel:

The Solar Input port located at the back of the unit comes with PP45 Anderson Powerpole connectors. To connect a non-NATURE POWER Solar Panel to the Solar Home and RV Kit System, use the supplied cable and make your own wire connection to your solar panel through the two bare wire ends. Please double check on the polarity before connected. The red connector is used to connect to the positive terminal of the Solar Home and RV Kit System and the white connector is used to connect to the negative (ground) terminal of the Solar Home and RV Kit.

CAUTION: Reverse polarity. Improper connections (reversing the wire connection on the solar panel connection box or the connector wiring) will cause the unit to malfunction and may permanently damage the unit. Damage caused by a reverse polarity connection is not covered by your warranty.

If you want to make your own connector on your solar panel cable, the following parts and the

appropriate crimping tools are required. Please check on website www.andersonpower.com under the Powerpole Connectors section for parts details and the wire crimping methods.

- PP45 Red Connector Housing & 45 amp Contact (1 pc): P/N 1345
- PP45 White Connector Housing & 45 amp Contact (1 pc): P/N 1345G7

The red connector is used to connect to the positive terminal of the Solar Home and RV Kit and the white connector is used to connect to the negative (ground) terminal of the Solar Home and RV kit system.

Add pictures of the back of unit with Anderson connector connected.

Disconnect Solar Panel from Unit:

- Cover the solar panel with an opaque sheet or flip the solar panel with the solar cell facing a flat ground to minimize the output voltage to zero volts.
- Verify the Solar charge indicator is off.
- Disconnect the solar cable connector from the solar input port of the unit.

4. CONFIGURATION

Please read the following table to fully understand unit settings and desire your own desirable settings. Unit default setting is "Full Automatic" (In1, Ch1, AL1).

Understanding of Unit Setting

Inverter	Setting
In0	Inverter is disabled, unit will not provide backup function when utility power is not available
In1	Inverter is set to standby mode. Unit will provide backup function when utility power is not available
In2	Inverter is forced to turn on even when AC utility power is available. The inverter will only switch back to utility mode when internal battery is getting low. With this setting, the 2A internal AC charger is set to Ch0 by default. (use this mode only if sufficient solar panel is equipped)

Alarm	Setting
AL0	Audio alarm sound is disabled. Alarm will not sound when warning and fault occur.
AL1	Audio alarm sound is enabled. Alarm sounds when warning or fault occurs.

Unit Function Setting

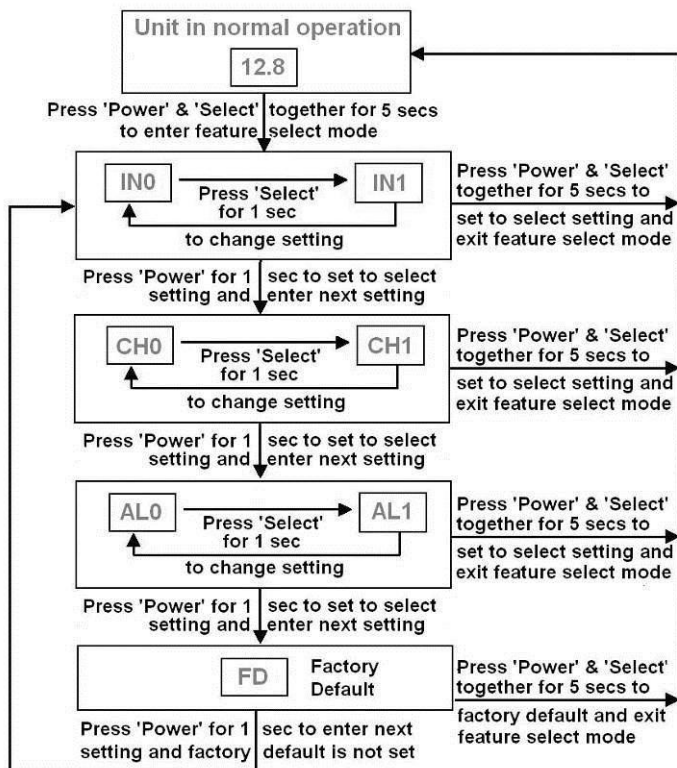
Setting	Mode of Operation	Unit Function
In1 AL1	Full Automatic (Factory default)	AC output is provided by AC utility when utility is available. Internal battery is automatically charged by the 2A charger. AC output will automatically switch to inverter mode power by the internal battery when utility is not available. Audio alarm is enabled and will sound when any warning or fault occurs.
In1 AL0	Full Automatic Silent	Same as "Full Automatic" mode but with alarm disabled. Audio alarm will not sound when any warning or fault occurs. The unit fault protection features remain active and will shut down without audio warning when fault occurs.

In2 AL1	Backup Priority	Unit will provide output using battery and solar power as higher priority. AC output will only switch to utility mode when battery is low and available. Audio alarm is enabled and will sound when any warning or fault occur. Only use this mode when there is sufficient solar power to power up the load.
In2 AL0	Backup Priority with Alarm Disabled	Same as "Backup Priority" mode but with alarm disabled. Audio alarm will not sound when any warning or fault occurs. The unit fault protection features remain active and will shut down without audio warning when fault occurs.
In0 AL1	Backup Disabled	AC output is provided by AC utility when utility is available. Internal battery is automatically charged by the 2A charger. Inverter is disabled and no backup power occurs when AC utility is not available. Audio alarm is enabled and will sound when any warning or fault occurs.
In0 AL0	Backup & Alarm Disabled	Same as "Backup Disabled" mode but with alarm disabled. Audio alarm will not sound when any warning or fault occurs. The unit fault protection features remain active and will shut down without audio warning when fault occurs.

To change unit function:

- To enter the feature setting mode, press and hold "Power" and "Select" button together for about 5 seconds until a beep is sounded. Display will show current inverter setting as "In0 or In1"
- Press and hold "Select" button for 1 second to toggle between the two settings.
- Once the desired setting is selected, press and hold "Power" button for 1 second to set the desired setting and carry on with setting the other features.
- Display will show current alarm setting as "AL0 or AL1".
- Press and hold "Select" button for 1 second to toggle between the two settings.
- Once the desired setting is selected, press and hold "Power" button for 1 second to set the desired setting and carry with setting the other features.
- Display will show "Fd" factory default setting. If you desire to use the factory setting, press and hold 'Power' and 'Select' button together for 5 seconds to exit the setting mode. If you wish to keep all the previous settings on inverter, and alarm, just press 'Power' button for 1 second and press and hold 'Power' and 'select' button together for about 5 seconds to exit the feature setting mode.

Note: Press and hold 'Power' and 'Select' button together for 5 seconds at any time to exit the feature setting mode. See feature setting chart below.



5. UNIT OPERATION

WARNING: RISK OF EQUIPMENT DAMAGE

- Do not plug surge-protected power bars into the unit's 120 VAC outlets. The surge protected components on the surge-protected power bar may not like the modified sine wave output generated by the unit.
- Do not connect an AC power source such as utility power or a generator to the 120 VAC outlets.
- Do not connect the unit's AC power input cord to its 120 VAC outlets.

Quick Unit Operation Guide

Turn ON and OFF the 120 VAC and USB when Utility AC is not available.

- Press and hold the Power Select button for 1 second until a beep is sounded. Display will show the measured battery capacity and output power alternatively. Status indicator will turn green. 5V is available at the USB port and 120 VAC is available at the AC socket.
- Press Power Select button to turn unit off to save battery power.

Turn ON and OFF the 120 VAC and USB when Utility AC is available.

When utility is available, the unit will perform like a power bar and the AC output cannot be

disconnected unless the AC plug on the unit is removed and the 'Power' button is held for a second to turn unit off.

Using the USB port

The USB port on the system provides standard 5V 750mA power to power up USB powered handheld device.

AC Load on Solar Home and RV Kit System

Although the unit can provide high surge power up to two times the rated output power, some appliances may still trigger the unit's protection system. A higher power system like Solar Home and RV Kit 1800W is required for those appliances.

Some appliances like speed controllers found in some fans and AC chargers for some power tools may not like the modified sine wave generated by the inverter. Those appliances may not work or may be damaged if they are connected to the inverter. If you are unsure about powering any device with the inverter, contact the manufacturer of the appliances.

Unit Mode Setting

Mode	Status indicator	Display	Condition
Full Automatic In1, AI1 (factory default setting)	Solid green	"Ful"	AC output is supplied by utility power. Internal battery is fully charged.
	Flashing green	Battery capacity in %	AC output is supplied by utility power. Charging of internal battery by the 2A charger is in progress.
	Solid amber	Flash between Output Power in kW & battery capacity in %	AC output power is generated by the inverter using the internal battery and/or from the optional NATURE POWER solar panel.
	Flashing amber	Same as above	Same as above and utility AC power is just detected and AC output will switch to utility power within seconds.
	Solid red	"E01-E10"	Error on unit is detected. AC output is disconnected. See Trouble shooting section.
Full Automatic Silent In1, AI0	Same as "Full Automatic" mode but with audio alarm mute if error occurs. The unit fault protection features remain active.		
Backup Disable In0, Ch1, AI1	Solid green	"Ful"	AC output is supplied by utility power. Internal battery is fully charged.
	Flashing green	Battery capacity in %	AC output is supplied by utility power. Charging of internal battery by 2A charger is in progress.
Backup Disable with Alarm Disable In0, Ch1, AI0	Same as "Backup Disabled" mode but with audio alarm mute. The unit fault protection features remain active.		

des

Error Code	Condition	Corrective Action
E01	System senses battery voltage is low and has shutdown.	Recharge battery immediately and restart unit.

E02	System senses battery voltage is high and has shutdown.	Check battery voltage or if any external high voltage DC source is connected to solar charge port.
E03	System AC output is overloaded or short circuited and has shutdown.	Check load connected to AC output. Reduce load and restart the unit.
E04	System senses high internal temperature and has shutdown	Turn unit off. Wait for 15 minutes before restarting. Check if any object is blocking the ventilation of unit.
E05	System warns battery voltage is low and will shut down shortly	Recharge battery as soon as possible or system will shut down shortly.
E06	System warns AC load connected is close to overload shutdown limit.	Check load connected to AC output. Reduce load.
E07	System warns of high internal temperature and will shut down shortly.	Reduce load. Check if any object is blocking the ventilation of unit.
E08 - 09	Not used	
E10	Internal battery is overcharged	Check battery voltage or if any external high voltage is connected to solar charge port

Estimated Run time of AC Load

Following run times are estimates. Actual run times may vary.

Load	Estimate Consumption	Estimate Run time	
		400W	800W
Cordless Phone	5W	41 hrs	48 hrs
Home Alarm System	5W	41 hrs	48 hrs
Clock/Radio	8W	22 hrs	26 hrs
Table Lamp	40W	4.5 hrs	5.3 hrs
Table Lamp	60W	2.7 hrs	3.2 hrs
Energy Saving Light (5x17W)	85W	2.0 hrs	2.4 hrs
20" LCD TV	100W	1.7 hrs	2.0 hrs
Flooded Light	300W	24 min	29 min
Sump Pump (1/4 hp)	300W	N/A (surge too high)	29 min
½" drill	700W	N/A (overload)	13 min

Tips: Maximize the usage of your NATURE POWER Solar Home and RV Kit System

During times of power outage, here are some tips to maximize your run times for key back-up power applications:

- Do not leave appliances on when not in use because they will drain the internal battery
- For computer use, use laptop, or desktop computer with LCD monitor instead of with CRT monitor.
- Use small televisions instead of big screen TV's
- Use small desk lamps (25 to 40 W) instead of high-wattage lamps.
- Use energy saving light bulbs or fluorescent lamp instead of incandescent or halogen light.

6. TROUBLESHOOTING

To trouble shoot the unit, please note the error code displayed on the main unit and review the "Understanding the Error Codes" in section 5.

Problem/Question	Symptom	Solution
Appliance connected to unit malfunction or overheat	Products connected to unit do not accept modified sine-wave waveform	Products are not compatible with the modified sine wave output produced by the Solar Home and RV Kit System. See "AC load on Solar Home and RV Kit" on page 11.
Insufficient run-time	Battery is not fully charged	Charge battery by leaving the unit plugged to the utility for more than 48 hrs to fully charge the battery or leave the optional solar panel plugged into the battery box for more than 72 hrs
Solar Charger indicator is not ON when optional solar panel is connected	Solar panel cannot supply sufficient power to start the solar charger and charge the battery	Check location and direction of solar panel. Check the connection and polarity of the solar panel plug to the solar charge port.
	Wrong wire connection on solar panel junction box	Verify solar panel junction box connection.
System has no output	Unit is off	Turn unit on.
	Unit has shutdown due to various potential conditions	Check utility, battery voltage, and unit settings. See Unit Operation section.
	Circuit Breaker is tripped	Check AC load connected and press the knob on the circuit breaker to reset.
When utility is available, 'Power' buttons cannot be used to shut down the unit.	This is normal. When system is plugged in to utility, it acts as a power bar.	To shut down the system completely, unplug the unit from utility. Press 'Power' button' to turn unit off.
How can I disable the auto backup feature?	Desire a manual start up instead of automatic back up.	See page 11 'Backup Disabled' setting under 'Unit Mode Setting'.

7. SPECIFICATIONS

Note: Specifications are subject to change without notices.

Inverter Specification:	400W	800W
Output Power:	400W	800W
Output Current:	3.3A	6.6A
Surge Power:	800W	1600W
Output Voltage:	120 VAC / 60 Hz	
Output Waveform:	Modified Sinewave	
Peak Efficiency:	90%	
No Load battery draw (unit in standby):	< 3W	
DC Input Voltage operating range:	10.5 – 15.5 VDC	
Under Voltage Alarm:	11.2 Vdc	
Under Voltage Shutdown:	10.5 Vdc	
Under Voltage Recovery:	11.8 Vdc	
Over Voltage Shutdown:	15.5 Vdc	
USB Specification:	5V, 750 mA	

AC Input Protection (Supplementary Breaker):	10A	15A
Transfer Switch Rating:	10A	15A
Internal AC Charger Specification:		
Output Current:	2 ADC	
Output Voltage (Absorption/Float):	14.8/13.5 VDC	
Recharge Voltage:	12.6 VDC	
Efficiency:	80%	
Charger type:	3 stages (bulk/absorption/float)	
Solar Charge:		
Output Current:	8A maximum	
Output Voltage:	14.8/13.5 VDC	
Recharge Voltage:	12.6 VDC	
Input DC Voltage:	9 - 26 VDC maximum	
Efficiency:	>95%	
Charger Type:	PWM control	
Battery Specification:		
Battery Capacity:	12V, 34Ah	12V, 40Ah
Battery Type:	Sealed Lead Acid	
Regulatory Approval (ETL certify):	Conforms to UL 1778	
	Certified to CSA C22.2 no.107.1	

8. SOLAR PANEL (optional for fast battery charging/full off grid application)

For a full off-grid application, solar panels are available and can be used to charge the internal battery by using the built-in solar charger controller through the Solar Charge port. Please visit www.naturepowerproducts.com for other exciting and innovative NATURE POWER products.

9. 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 PRODUCTS. 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.

RETURN/REPAIR POLICY:

If you are experiencing any problems with your unit, please contact our customer service department by e-mailing info@naturepowerproducts.com or call at 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 within 30 days of original purchase. Any defective unit that is returned to manufacturer within 30 days of the date of purchase will be replaced free of charge.

If such a unit is returned more than 30 days but less than one year from the purchase date,

manufacturer will repair the unit or, at its option, replace it, free of charge. If the unit is repaired, new or reconditioned replacement parts may be used, at manufacturer's option. 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 resulting 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.

If your problem is not covered by this warranty, contact our Customer Service Department by e-mailing info@naturepowerproducts.com or call at 1-800-588-0590 for general information if applicable.