WARNING:

This Unit employs Components that tend to produce arcs or sparks – To prevent fire or explosion, do not install in compartments containing batteries or flammable materials - SHOCK HAZARD. DO NOT OPEN.

CAUTION

OUTPUT NON-SINUSOIDAL REFER TO MANUAL - Provided with integral protection against overloads. To prevent fire, do not cover or obstruct ventilation openings. Do not mount in Zero-Clearance compartment. Overheating may result.

Notice

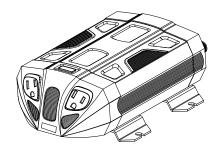
The output of this device is not sinusoidal. It has a total harmonic distortion of 30% percent and maximum single harmonic of 8 percent

Toll Free: 1 866.295.6775

www.energizerpower.com

Printed in China

Energizer

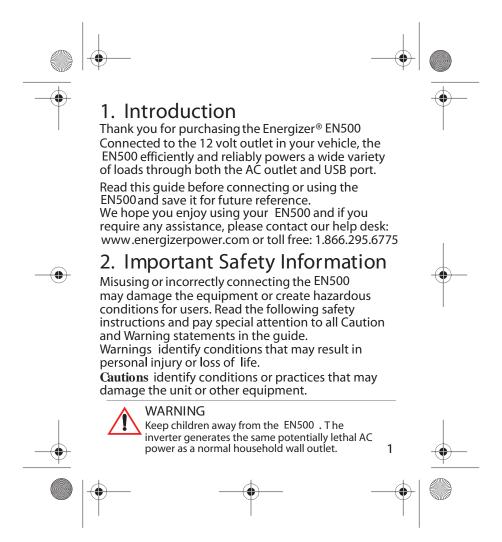


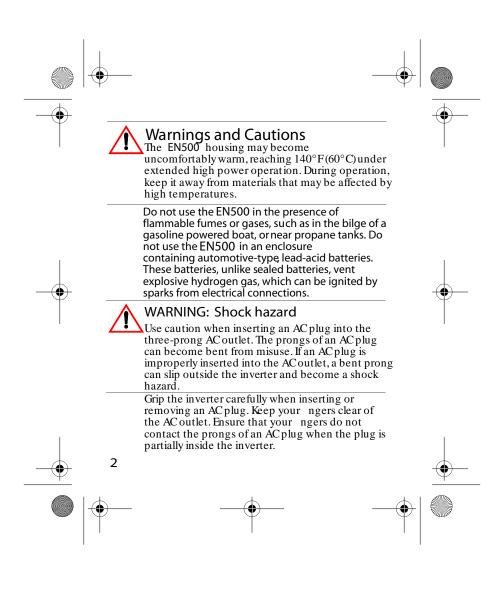
EN500

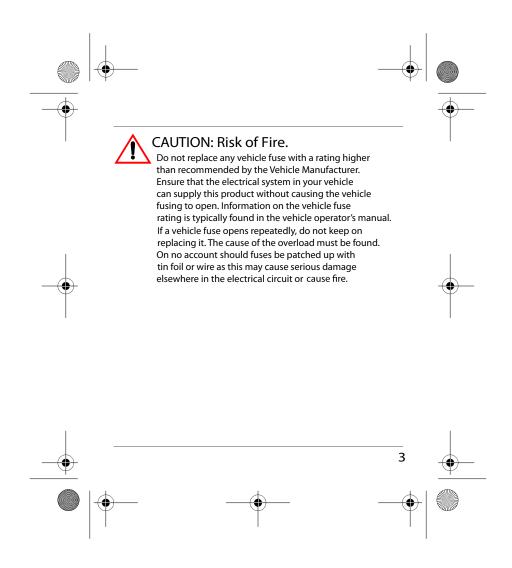
Owner's Guide

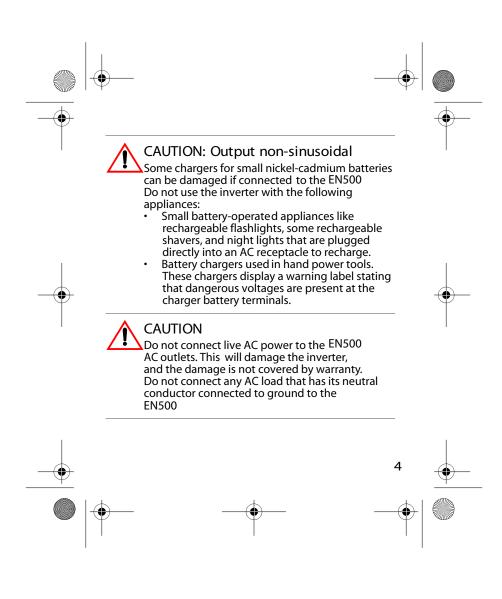


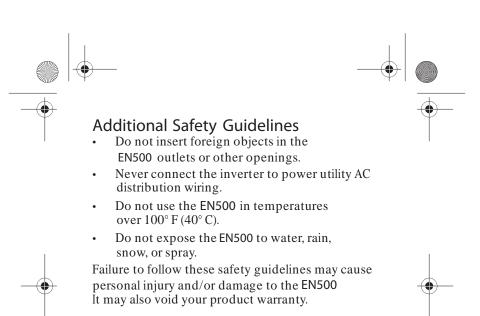
Conforms to / Conforme à UL std. 458, Certified to / Homologué à CSA std. C22.2 No. 107.1







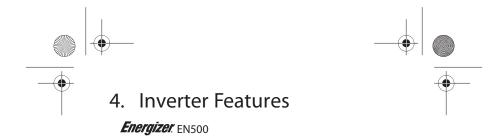


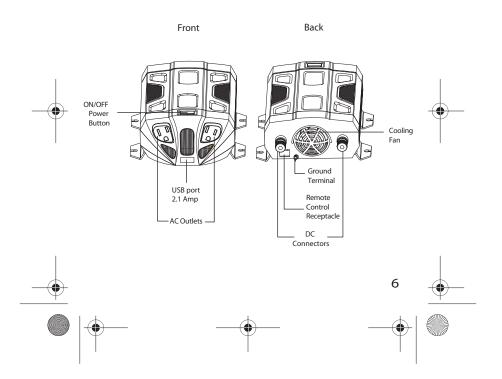


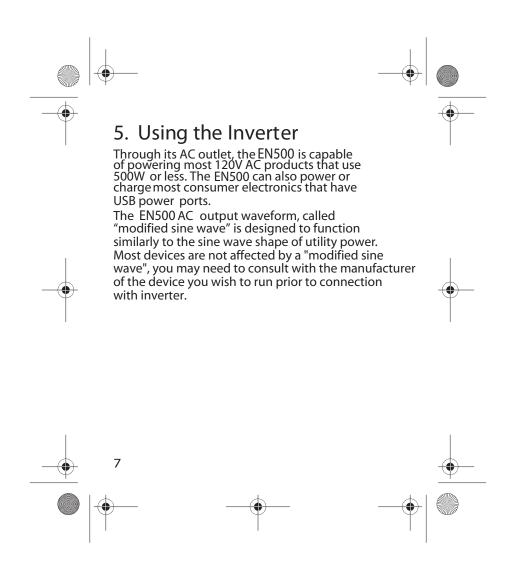
3. Safety Features

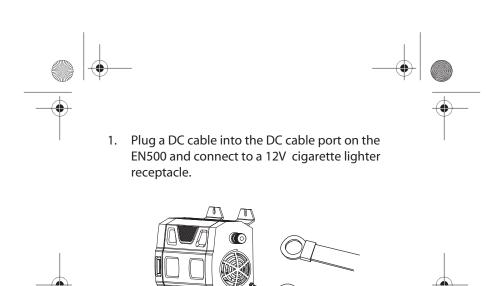
- Overload protection with automatic shutdown
- Low battery voltage shutdown
- High-input voltage protection with automatic shutdown
- Overheat protection with automatic shutdown
- Output short circuit protection.





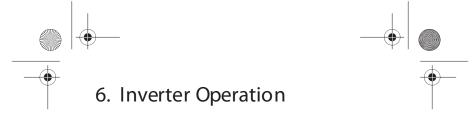






- 2. Plug the device you want to operate into the EN500
- 3. When the inverter is not in use, unplug it from the 12V outlet to prevent slight discharge of the battery.





- When properly connected to a 12V outlet, the light will glow GREEN, indicating the inverter is ready.
- 2. Plug the product(s) you want to operate into the AC outlet or USB port and switch them on (if necessary).

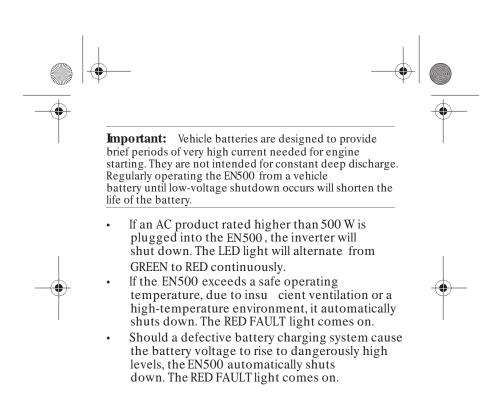


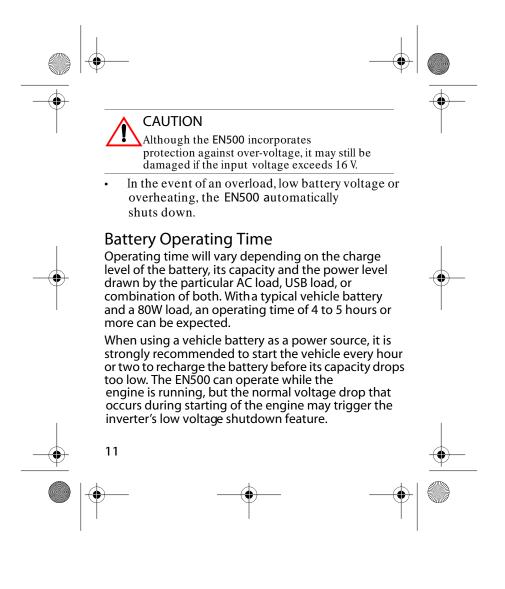
Operating Guidelines

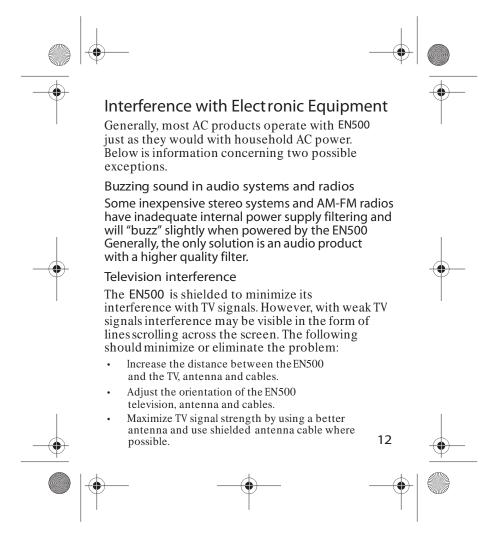
As the battery is used, its voltage begins to fall.
 When the EN500 senses that the voltage
 at its DC input has dropped to 10.5V, the inverter
 automatically shuts down and the light glows RED,
 indicating a fault. This prevents the battery from
 being damaged. Turn off any devices that the
 EN500 is powering.

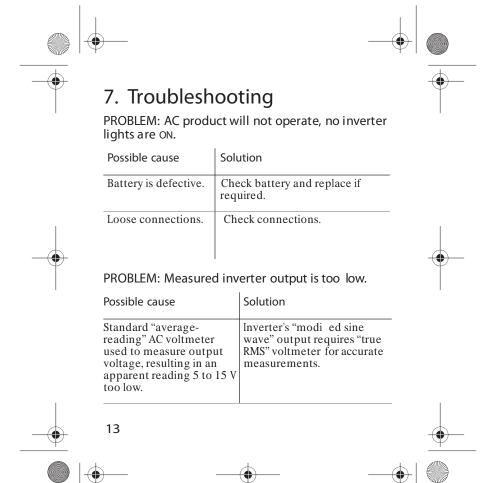


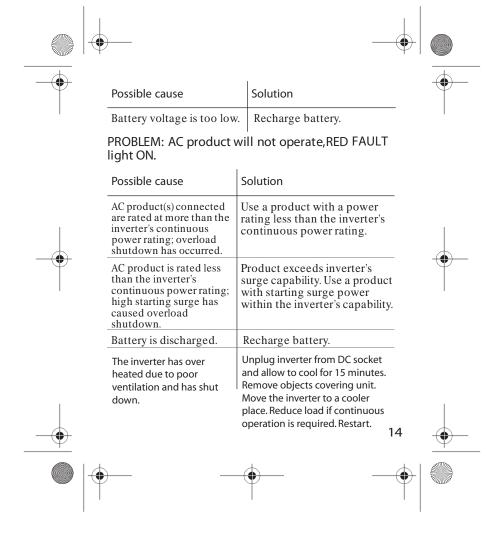






















8. Specifications

Specifications: EN500

Specifications	Description	
Output Continuous Watts (W)	500 W +10W (USB)	
Surge Capacity (Peak Power)	1000 W	
Rated Input DC (V,A)	12VDC, , 54A	
Input Voltage Range	10.5 to 15.5 VDC	
Rated Frequency (Hz)	60 Hz±1	
Rated Output AC (V,A)	4.17A(105-125)	
Rates Output USB (V,A)	2 * 5V/max. 2.1A (I-Pad)	
No Load Current	<0.3A DC	
Optimum Efficiency	90% min.	
Fuse (A)	35A*2	
Fuse Type	Internal Blade	

















specifications.	LINSOO	(continued)

Specifications	Description	
Output Wave Form	Modifed Sine Wave	
Max. Touch Temperature	65°C Max	
Operating Temperature	0° to 40°C	
Operating/Storage Humidity RH	5 to 95%	
Cooling System	Fan Cooling over temperature	
THD	35%	
Power Factor	0.65 Min	
Ripple & Noise(Peak to Peak)	<250mV	
Dimensions LxWxH (inches)	9.06 x 5.39 x 2.64	
Assembled Weight (LBS)	1.98	





All specifications are typical at nominal line, half load, and 77°F (25° C) unless otherwise noted. Specifications are subject to change without notice.







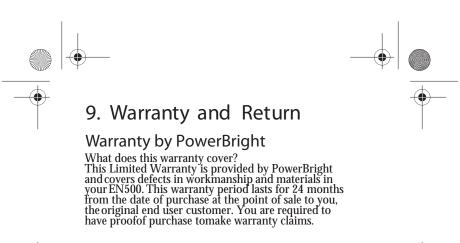










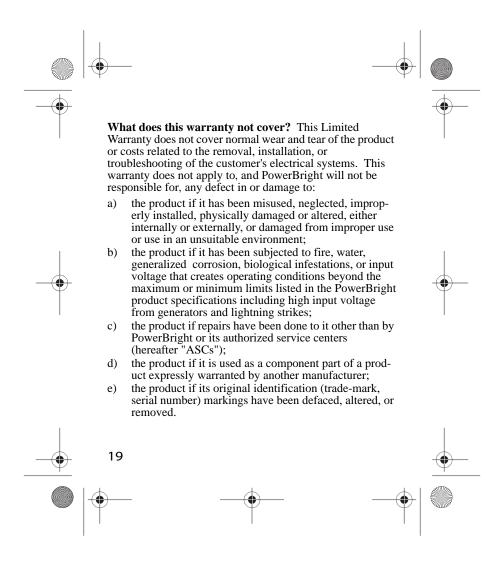


What will PowerBright do? PowerBright will, at its option, repair or replace the defective product free of charge, provided that you notify PowerBright of the product defect within the Warranty Period, and provided that PowerBright through inspection establishes the existence of such a defect and that it is covered by this Limited Warranty.

PowerBright will, at its option, use new and/or reconditioned parts in performing warranty repair and building replacement products. PowerBright reserves the right to use parts or products of original or improved design in the repair or replacement. If PowerBright repairs or replaces a product, its warranty continues for the remaining portion of the original Warranty Period or 90 days from the date of the return







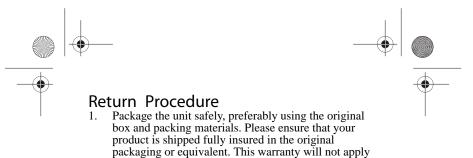


Return Material Authorization Policy

Before returning a product directly to PowerBright you must obtain a Return Material Authorization (RMA) number and the correct factory "Ship To" address. Products must also beshipped prepaid. Product shipments will be refused and returned at your expense if they are unauthorized, returned without an RMA number clearly marked on the outside of the shipping box, if they are shipped collect, or if they are shipped to the wrong location.

When you contact PowerBright to obtain service, please have your instruction manual ready for reference and be prepared to supply:

- The serial number of your product
- Information about the installation and use of the unit
- Information about the failure and/or reason for the return
- A copy of your dated proof of purchase



- packaging.
 2. Include the following:
 - The RMA number supplied by PowerBright Technology, Inc. clearly marked on the outside of the box.

where the product is damaged due to improper

- A return address where the unit can be shipped. Post Office Boxes are not acceptable.
- A contact telephone number where you can be reached during work hours.
- A brief description of the problem.
- 3. Ship the unit prepaid to the address provided by your PowerBright customer service representative.

If you are returning a product from outside of the USA or Canada In addition to the above, you MUST include return freight funds and are fully responsible for all documents, duties, tariffs, and deposits.

