

JUMP STARTER

For use with machines having Code Numbers: **11912**

Safety Depends on You

Century charging and jump starting equipment is designed and built with safety in mind. However, your overall safety can be increased by proper installation ... and thoughtful operation on your part. **DO NOT INSTALL, OPERATE OR REPAIR THIS EQUIPMENT WITHOUT READING THIS MANUAL AND THE SAFETY PRECAUTIONS CONTAINED THROUGHOUT.** And, most importantly, think before you act and be careful.



BC

OPERATOR'S MANUAL



Century Equipment
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Congratulations on the purchase of your new battery charger. We wish to acknowledge Underwriters Laboratories (U/L) for contributing the following important safety precautions. Please read and retain these instructions for the continued safe use of your new charger.

This manual contains important safety information. DO NOT OPERATE this equipment UNTIL YOU HAVE READ this safety summary!

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS

SAFETY INFORMATION

The following safety information is provided as guidelines to help you operate your new battery charger under the safest possible conditions. Any equipment that uses electrical power can be potentially dangerous to use when safety or safe handling instructions are not known or not followed. The following safety information is provided to give the user the information necessary for safe use and operation.

A procedure step preceded by **WARNING** is an indication that the next step contains a procedure that might be injurious to a person if proper safety precautions are not heeded.

A procedure preceded by a **CAUTION** is an indication that the next step contains a procedure that might damage the equipment being used.

A **NOTE** may be used before or after a procedure step to highlight or explain something in that step.



SHOCK HAZARDS

1. This battery charger is intended for indoor use only. Do not expose the charger to rain or snow.
2. NEVER attempt to charge a marine (boat) battery while the boat is on or near the water. A boat must be on a trailer and located indoors before attempting to charge its battery(s). The boat manufacturer's battery charging instructions must be followed exactly.
3. NEVER set the charger, output cable or clamps, or ac power cord plug in water or on wet surfaces.
4. NEVER use this charger on a pier or dock. Charger could fall in water, creating an electric shock hazard.
5. NEVER attempt to plug in or operate the battery charger with defective or damaged wires, power cord, or power cord plug. Have any of these parts that are defective or damaged replaced by qualified personnel IMMEDIATELY.
6. NEVER attempt to plug in the charger or operate its controls with wet hands or while standing in water.
7. NEVER alter the ac power cord or power cord plug provided with the battery charger.
8. NEVER use an attachment not recommended or sold by the battery charger manufacturer for use with this specific model battery charger.
9. NEVER operate this battery charger if it has received a sharp blow, been dropped, or similarly damaged, until after being inspected and/or repaired by qualified service personnel.
10. NEVER disassemble this battery charger. Take the battery charger to qualified service personnel when service or repair is needed.

11. ALWAYS plug in and unplug the ac power cord by grasping the power cord plug, **NOT THE POWER CORD**, to reduce risk of damaging power cord.
12. ALWAYS remove personal metal items such as rings, bracelets, and watches when working with a lead-acid battery. A lead-acid battery can produce a short circuit current high enough to weld a ring or any jewelry to metal causing a severe burn.
13. ALWAYS unplug the battery charger from the ac outlet before attempting any cleaning or maintenance. Turning the charger's control(s) **OFF**, alone, will not remove all electricity from the charger.
14. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in a fire or electric shock. If an extension cord must be used, make sure that:
 - a. the pins on the plug of the extension cord are the same number, size, and shape as those of the plug on the charger,
 - b. the extension cord is properly wired and in good electrical condition, and
 - c. the wire size is large enough for the length of cord as specified in the following chart.

Length in feet:	25	50	100	150
cord AWG size:	16	12	10	8



EXPLOSIVE GAS HAZARDS

1. Working in the vicinity of a lead-acid battery is dangerous. Batteries generate explosive gasses during normal operations and, at an even higher level, during charging. If anything is allowed to ignite these gasses, the battery may explode, sending pieces of the battery and extremely caustic battery acid out in all directions and with extreme force. Since just the slightest spark is sufficient to ignite these gasses, it is of **UTMOST IMPORTANCE** that you read this manual and follow the instructions exactly, before using your battery charger each time.
2. NEVER operate this battery charger near any fuel tanks or gas cylinders. This charger can produce sparks that could ignite gasses and cause an explosion.
3. NEVER attempt to permanently mount this battery charger on a marine or recreational vehicle.
4. NEVER attempt to connect this charger's output cables directly to the battery(s) in the bilge or engine compartment of a boat. Follow the boat manufacturer's battery charging instructions exactly.



BATTERY EXPLOSION HAZARDS

1. To reduce the risk of battery explosion, read, understand, and follow these instructions, those published by the battery manufacturer, and those of the manufacturer of any equipment you intend to use near the battery. Review cautionary markings on these products and on the engine. If unable to determine the battery manufacturer's requirements for charging, always charge the battery with the cell caps in place. In addition, make certain that anyone else that uses this equipment, or is a bystander in the vicinity of a charging battery, understands and follows these safety instructions as well.
2. NEVER smoke or allow a spark or flame in the vicinity of the battery or engine.
3. NEVER operate the battery charger in a closed-in area or restrict ventilation in any way.
4. NEVER charge a frozen battery as battery explosion can result.
5. NEVER connect BOTH battery charger clamps DIRECTLY to the two posts of the same battery. See OPERATION INSTRUCTIONS for connection procedures.
6. NEVER charge batteries other than a LEAD-ACID type. Especially, DO NOT use for charging dry-cell batteries that are commonly used with toys and home appliances. These batteries may burst and cause injury to persons or damage property.
7. NEVER allow the dc output clamps to touch each other.
8. ALWAYS be extra cautious to reduce the risk of dropping a metal object, such as a tool, onto or near the battery. Doing so could produce a spark or short circuit the battery or other electrical part that could cause an explosion.
9. ALWAYS make sure the area around a battery is well ventilated while it is being charged. Gas can be forcefully blown away by using a piece of cardboard or other non-metallic material as a fan.
10. ALWAYS make sure that the ac power cord is unplugged from the ac outlet or extension cord BEFORE connecting or disconnecting the battery charger clamps, to prevent arcing or burning.
11. ALWAYS locate the battery charger as far away from the battery as the dc output cables will permit.
12. ALWAYS twist or rock charger clamps back and forth several times on the battery post and the other point of connection at the time of initial connection. This helps keep the clamps from slipping off their points of connection which helps reduce the risk of sparking. DO NOT rock the clamp connected to the battery post AFTER the second connection (at a point away from the battery) is made or sparking may occur at the battery post.
13. ALWAYS check the cable and wire connections at the battery(s) for tightness - BEFORE STARTING TO CHARGE. A loose connection can cause sparks or excessive heating which could cause a battery explosion.
14. ALWAYS make sure the battery compartment is open and well ventilated before charging.



FIRE HAZARDS

1. NEVER use an attachment not recommended or sold by the battery charger manufacturer for use with your specific model charger.
2. NEVER disassemble the battery charger; take it to qualified service personnel when service or repair is needed.
3. ALWAYS make sure that the ac power cord is unplugged from the ac outlet or extension cord, BEFORE connecting or disconnecting the battery charger clamps, to prevent arcing or burning.



BATTERY ACID HAZARDS

1. ALWAYS have someone within range of your voice and close enough to quickly come to your aid when working near a lead-acid battery.
2. ALWAYS have plenty of fresh water and soap nearby in case battery acid contacts eyes, skin, or clothing.
3. ALWAYS wear complete eye and clothing protection and avoid touching eyes while working with a battery.
4. ALWAYS act QUICKLY if contact with battery acid is made. If acid contacts skin or clothing, wash IMMEDIATELY with soap and water. If acid enters the eye, IMMEDIATELY flood the eye with running cold water for at least 10 minutes. Get medical attention IMMEDIATELY.



MOVING PARTS HAZARDS

1. NEVER connect the battery charger clamps to a vehicle when the engine is running.
2. ALWAYS stay clear of fan blades, fan belts, pulleys and other moving engine parts when working near an engine. Moving engine parts can cause severe personal injury including dismemberment.
3. ALWAYS make sure that the battery charger cables and clamps are positioned so they will not come in contact with any moving engine parts.



BURN HAZARDS

1. NEVER lean on or rest against the engine or cooling system parts when the vehicle is running.
2. ALWAYS stay clear of the cooling system, engine, and engine manifold. These engine components get very hot and retain heat for a long time. Touching any of these components can cause severe burns.

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FCC Statement:

This device complies with part 15 of the FCC rules.
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received,
including interference that may cause undesired operation.

TECHNICAL SPECIFICATIONS - Jump Starter / Portable Power Station Manual for K3236-1, (Code 11912)

1. Output Voltage:	12 Vdc
2. Battery:	12V Sealed Lead Acid (AGM).
3. Charging Circuit	Automatic - Can leave plugged in when not in use.
4. On-Off Switch	Switch activates output cable for safe hook-up.
5. Charge Indicator LEDs	Indicate charging progress.
6. Reverse Hook Up LED	If the clamps are hooked up backwards, the Red light will come on.
7. Reverse Hook Up Beeper	Beeps if the clamps are hooked up backwards.
8. Correct Hook Up LED	GREEN OK light indicates proper hook up.
9. Clamp Holsters	Allow neat storage of the clamps / cables.
10. 12Vdc Charging Cord	Permits alternate charging method for the Jump Starter or vehicle battery.
11. 5 and 12Vdc receptacles for powering or charging camping or personal devices such as cell phones, tablets, camping lights, etc.	

DESCRIPTION

This unit has a sealed lead acid battery and should be kept fully charged at all times for maximum battery life. Recharge when first received, immediately after each use, and every three months if not used. Failure to do this may cause the battery life to be greatly reduced.

CONTROLS AND INDICATORS

(See Figure B.1)

FIGURE B.1



JUMP STARTER



OPERATING INSTRUCTIONS:**USING AS A JUMP STARTER**

- A. Shield eyes and turn the vehicle's key to the OFF position.
- B. Make sure the ON/OFF switch of your Jump Starter is in the OFF (counter-clockwise) position.
- C. Connect the RED clamp to the positive (+) post of the vehicle's battery.
- D. Connect the BLACK clamp to a non moving metal (chassis) part of the engine far away from the battery. Do not connect to carburetor or fuel lines. Make sure the unit and cables are not in the path of moving belts or fans. (NEVER connect to the negative (-) post of the battery on a negative ground vehicle).
- E. If the red REVERSE light comes on and the unit beeps, verify that the connections are correct. If they are not, disconnect both clamps and reconnect starting at step C. If the green OK light comes on, proceed to step F. If the connections are correct and either the red REVERSE light comes on, or the green OK light does not come on, the vehicle's battery could be bad, DO NOT proceed to step F, test and/or replace the battery.
- F. If the green (OK) light is on turn the ON/OFF switch of your Jump Starter to the ON (clockwise) position.
- G. Stay away from the batteries while starting the engine. Turn the vehicle's key to the START position for a maximum of 3 seconds.
- H. If the vehicle does not start, wait at least 3 minutes before trying again.
- J. Once the vehicle has started, ALWAYS turn the ON/OFF switch of your Jump Starter to the OFF (counter-clockwise) position.
- K. ALWAYS disconnect the clamp connected to a non moving metal engine part (chassis) first (BLACK on a negative ground vehicle), then disconnect the clamp hooked to the battery terminal (RED on a negative ground vehicle) and put them in their storage holsters securely.
- L. Be sure to recharge the Jump Starter after every jumpstart.

Using as a Battery Charger

If a vehicle's battery is discharged, you may plug one end of the 12V charging cord into the 12V socket on the front of the Jump Starter, then plug the other end into the vehicle's auxiliary power port plug. (note that some vehicles require that the key be turned to the accessory position for the auxiliary port to be activated).

Using as a Power Supply

- Power a 12 Vdc device using the cigarette style receptacle on the front of the unit.
- Charge or power 5Vdc devices using the USB port such as cell phones, cameras and tablets.

Note: Press the red **BATTERY LEVEL/USB** button and the yellow or green light should come on to power the USB port. If the green light does not come on, you should charge the Jump Starter's internal battery as soon as possible to maximize battery life.

- Be sure to recharge the Jump Starter after every use.

Battery Level Lights

To check the battery charge level when not charging, push the red **BATTERY LEVEL/USB** button to the left of the BATTERY LEVEL lights. If the green light comes on, the unit is fully charged. If the green light does not come on, you should begin charging as soon as possible or the battery life may be reduced.



Note: Be sure to press the red **BATTERY LEVEL/USB** button again (the lights should go off) or the battery will slowly discharge.

JUMP STARTER

CHARGING THE POWER SUPPLY

1. Using a 120V AC Wall Outlet (preferred method)
Plug the female end of the cord onto the male plug on the front of the power supply, then plug the male end into the AC wall power (if you do not have the cord that came with this unit, a standard extension cord will work).



S29558-2
AC Extension Cord

The red CHARGING light will come on indicating the unit is being charged. When the green CHARGED light comes on, the battery is charged. This can take a day or longer depending on the battery's state of charge.



2. Using the 12Vdc Charging Cord (alternate method)



S29558-1
Charging Cord

You can charge the Jump Starter using the 12Vdc charging cord. Plug one end of the cord into the 12V socket on the front of the Jump Starter, then plug the other end into the vehicle's auxiliary power port while the vehicle is running. Note that you do not want to charge for more than 15 minutes as the current available from a vehicle can damage the Jump Starter's battery if left in for more than 15 minutes

WARNING

1. Never unplug the extension cord by pulling on the cord. Do not use the extension cord if the cord or plug is damaged.
2. Repairs should be performed by qualified service personnel.
3. Do not allow the clamps to short circuit to themselves or to any metal or conductive material when stored (such as in the trunk of a vehicle).

CAUTION

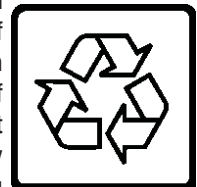
1. Recharge the unit if not used for 90 days.
2. Do not store the unit in temperatures that may exceed 50° C.

WARRANTY

For questions regarding warranty or use, call 1-866-236-0044.

BATTERY REMOVAL AND DISPOSAL

This unit contains a sealed lead acid battery. It must be disposed of properly as dictated by Law. When the unit / battery is in need of replacement or disposal, remove it according to the instructions below and take it to your local recycling center. Federal, state or local governments may have additional regulations to be followed in your area.



Pb

To remove the battery, lay the unit on it's front and remove the screws holding the case together, lift the back panel out of the way and remove the bolts connecting the cables to the battery. Be careful not to short across the positive (+) and negative (-) terminals with the tools being used or by laying the battery on a metal table.

NOTES

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