

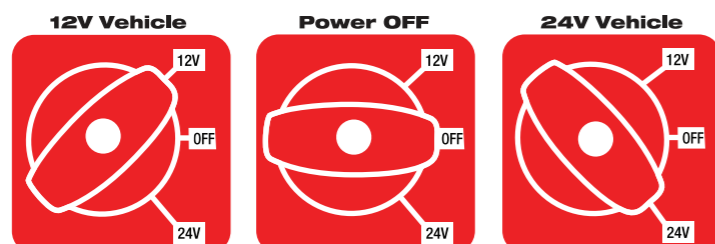
FEATURES

- 2400Amp peak power, Built in heavy duty 12V 44A/h and 24V 22A/h AGM batteries
- 100% copper leads.
- Suitable to start 8 cylinder petrol engines up to 5 litre and 4 cylinder diesel engines up to 3.5 litre capacity without the need of a host vehicle
- Twin 12V DC cigarette sockets with overload protection provide power for electrical appliances that usually plug into a vehicle's accessory socket. This allows remote operation and / or emergency 12V supply when commercial power is not available.
- Sealed maintenance free battery can be stored or inverted without risk of leaking acid.
- Large easy to read LED push button battery display.
- Durable injection moulded outer case
- Built in low current LED emergency light
- Audible warning alert when connected in reverse polarity at power switch on off position.

This Jumpstarter is designed as a compact, durable and portable emergency starting power system for vehicles with 12V or 24V electrical systems. This self-contained system is able to safely jumpstart vehicles with depleted or flat batteries without the need of a host jump vehicle or 240V power supply. This unit can also be used as a safe, portable source of 12V DC power in remote locations or in emergencies.

CAUTION

Make sure the power switch is in the correct position before use to avoid damaging your Vehicle or Jump starter



WARNING:
BATTERY ACID IS HIGHLY CORROSIVE; ALWAYS WEAR EYE PROTECTION WHEN WORKING ON OR AROUND LEAD-ACID BATTERIES. IF SPLASHED WITH BATTERY ACID IMMEDIATELY WASH THE AFFECTED AREA, ESPECIALLY THE FACE AND EYES WITH CLEAN WATER. CONTINUE FLUSHING THE AFFECTED AREA, FACE AND EYES UNTIL MEDICAL HELP ARRIVES.

WARNING:
SEALED LEAD-ACID RECHARGEABLE BATTERIES GENERATE HYDROGEN GAS DURING THE CHARGING PROCESS.

- HYDROGEN GAS IS:**
- EXPLOSIVE
 - POISONOUS TO BREATHE
 - HIGHLY FLAMMABLE

TO AVOID AN EXPLOSION OR THE POSSIBILITY OF BEING SPLASHED FROM BATTERY ACID,

- ALWAYS RECHARGE BATTERIES IN A WELL VENTILATED AREA
- WAIT AT LEAST 1 HOUR AFTER RECHARGING BEFORE USING THE JUMPSTARTER
- DO NOT OPERATE OR STORE NEAR FLAMMABLE GOODS OR COMBUSTIBLES

OPERATING INSTRUCTIONS:

Jumpstarting

1. Ensure both the ignition of vehicle to be started and the jumpstarter main power switch is switched off before any connections are made to the battery.
2. Connect the RED (+) alligator clamp of the jumpstarter to the RED (+) positive battery terminal of the vehicle.
3. Connect the BLACK (-) alligator clamp of the jumpstarter to a non-moving metal part of the engine or chassis (avoid connecting to fuel lines).
4. BEFORE THE JUMPSTART UNIT IS SWITCHED ON, listen for any audible beeping indicating an accidental reversed polarity – the whole LED display will flash as well as a continuous alarm tone. If beeping is heard, disconnect then reconnect clamps in the above order before switching the unit on; ensuring the polarity is correct.
5. Switch the Jumpstarter main power switch to the 12V position if vehicle is 12V system or to the 24V position if vehicle is 24V system and leave for approximately 30 seconds.
6. With the jumpstarter still connected and switched on, turn the vehicle ignition and crank the engine. Do not crank the engine for any more than 5 seconds at a time.
7. If the engine fails to start, wait for at least 2 minutes before trying again to avoid overloading the unit.
8. Once the engine is running, switch the Jumpstart power switch to the OFF position. Disconnect the BLACK (-) Negative clamp from the vehicle battery first, and return the cable to its storage position on the jumpstart unit.
9. Disconnect the RED (+) Positive clamp last, and return the cable to its storage position on the jumpstart unit.
10. As soon as possible, connect the Jumpstarter to the supplied 240V AC Charger and recharge the unit to maintain battery life.

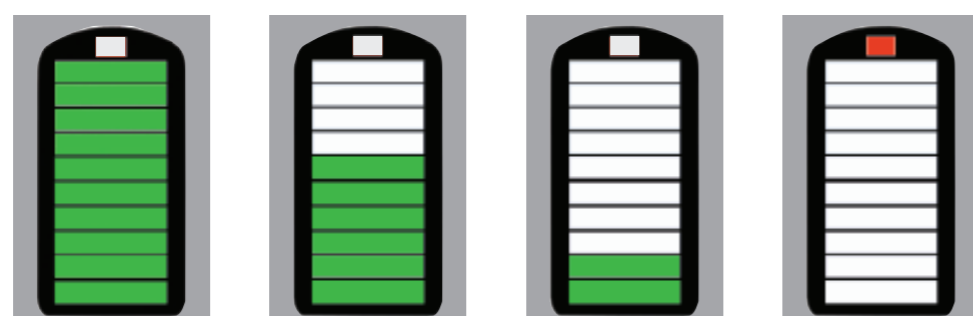
WARNING:
UNDER NO CIRCUMSTANCES ALLOW THE RED AND BLACK CLAMPS TO TOUCH TOGETHER OR TO A COMMON CONDUCTOR WHEN THE UNIT IS SWITCHED TO THE ON POSITION. ALWAYS STOW THE CABLES AND CLAMPS INTO THEIR RESPECTIVE STORAGE SLOTS WITH THE POWER SWITCH IN THE OFF POSITION PRIOR TO TRANSPORT OR STORAGE.

LED MULTI-FUNCTION DISPLAY

The LED Battery display on the front panel shows several important pieces of information:

- Internal Jumpstarter Battery check when battery display button pressed – this will show the jumpstarter battery charge regardless of whether the unit is being charged or not.
- Red led indicator light flash when recharging is underway (to see battery bars press display button display will go out after a few seconds but red LED light will flash).
- Red indicator light stay on when unit is fully charged (a press of the display button will also illuminate battery bar display)
- Reverse Polarity – the whole display including the green bars and the red LED will flash at the same time a continuous alarm tone is emitted. Reverse polarity alerts and protection is only possible when the main jumpstarter power switch is in the OFF position.

Battery Capacity Indicating Bar



Fully Charged

Recharge Required

Flat Battery

Red LED flash when charging
Red LED solid when fully charged

The red LED indicator will only show when connected to the supplied 240V charger adaptor.

OPERATION AS A PORTABLE POWER SUPPLY

12V ACCESSORY SOCKETS:

This unit is fitted with 2 x 12V power accessory sockets. To use these output sockets, simply plug in your device and power will output as soon as a connection is made. These sockets are rated at 15 Amps at 12V

DC each. Please do not exceed these rated limits to prevent overloading the internal circuitry. Ensure the rubber dust covers are placed over the sockets when not in use to prevent dust or moisture from entering the socket.

LED Emergency Light

Depress the light switch once to turn the light on. Depress the switch again to turn the light off.

RECHARGING THE JUMPSTARTER UNIT

For maximum battery life it is recommended that this unit be kept fully charged at all times.

If the battery is allowed to remain in a discharged state, battery life may be pre-maturely shortened. The following table shows frequency of use between charges and estimated number of charge/recharge cycles:

Number of Jumpstarts between recharging	Discharge/Recharge Cycles
1	1000+
5	700+
10	500+

Recharging is performed using the supplied battery Charger via the front charger input plug.

Please Note:
When you charge this unit, must turn the main power switch to 12V position, then it can be charged, if power switch on "off" or "24V" position when charger plug in, it will start beeping warning.

Recommendations to prolong battery life:

- Top Up and recharge the unit every 3 months even if it isn't used.
- Recharge the unit as soon as possible after used.
- Avoid storage in extreme temperatures where possible (above 50 degrees Celsius and below 0 degrees Celsius)
- Never store the unit in a discharged state.

BATTERY DISPOSAL:

The lead acid battery contained in this Jumpstarter should be recycled once they have expired (consult your individual local council requirements for safe disposal of lead acid batteries).

To remove the battery, remove the screws surrounding the back housing then remove the rear panel to expose the battery cavity. Unscrew the two hex head screws on the battery terminals and then gently slide the battery out of its cavity. Once the battery is out, insulate the battery terminals with strips of electrical tape to prevent accidental short circuits.

TO PREVENT INJURY, DO NOT DISPOSE OF BATTERY IN FIRE. EXPOSURE TO FIRE OR INTENSE HEAT CAN RESULT IN EXPLOSION CAUSING SERIOUS PERSONAL INJURY.