

# HEAVY DUTY 1200AMP JUMP STARTER

Charger Socket

LED battery condition and battery charging status combo indicator

Battery Voltage Test Button

Super Bright LED Work Light

High Impact Resistant Injection Mould Case

Comfortable soft rubber handle

ON/OFF Safety Switch

12 Volt output socket with overvoltage protection

Worklight Switch

110CM Booster Cables

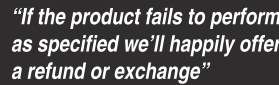
DC Power Cord

24V Charger Adapter

## SPECIFICATION

|                              |              |
|------------------------------|--------------|
| peak AMPs:                   | 1200AMP      |
| Boost Power:                 | 600AMP       |
| Battery Power:               | 12V 24AH     |
| Boost Cables:                | 110CM        |
| Heavy Duty Insulated Clamps: | 400AMP RATED |
| Depth:                       | 153MM        |
| Weight:                      | 9.16KG       |

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| peak AMPS:                   | 1200AMP      |
| Boost Power:                 | 600AMP       |
| Battery Power:               | 12V 24AH     |
| Boost Cables:                | 110CM        |
| Heavy Duty Insulated Clamps: | 400AMP RATED |
| Depth:                       | 130MM        |
| Weight:                      | 9.16KG       |



**MONTH  
12  
WARRANTY**

**QUALITY  
GUARANTEED**

**SCA**

*Value you can trust*

**HEAVY DUTY  
1200AMP JUMP STARTER**

**INSTRUCTION  
MANUAL**

The image shows a black SCA Heavy Duty 1200AMP Jump Starter. It features a red carrying handle, a digital display screen, and various control buttons. A red cable is attached to the front. The background is dark with a large gear visible.

- 1) 1200 amp peak power, 24A/H sealed lead acid mg rechargeable battery
- 2) Long jumper leads rated 400 amperes
- 3) Starts cars, trucks, recreational. Vehicles and boats without the need of a host vehicle or ac power cords, 12V system only.
- 4) Twin 12v dc cigarette lighter sockets with overload protection provides power for utilities and appliances that usually plug into a vehicle or boat with 12v cigarette lighter socket.
- 5) Provides up to 40-hours of dc power when use with 12v dc appliances
- 6) Allows 12v dc appliances to be used in remote sites and/or in emergency when commercial power is not available.
- 7) Solid-state, automatic operation and circuit protection.
- 8) Requires no maintenance for optimum operation.
- 9) Sealed, maintenance-free, heavy duty battery, safe use.
- 10) This system can be stored without risking acid leakage.
- 11) Heavy duty industrial type welding cables can carry more amperage than similar units.
- 12) Led battery condition indicator is easy to read.
- 13) Dc power cord allows recharging from 12v dc cigarette lighter socket.
- 14) Injection molded high impact cases is tough and durable.
- 15) Has a built-in led light for roadside vehicle repairs or emergency situations away from commercial power.
- 16) A red flashing led and beeping buzzer indicates the low battery condition to require recharging at least 48 hours
- 17) Led battery charging indicator displays the charging status
- 18) Audible alert when reversed polarity

Your jumper starter is designed as a compact, durable and portable jump start system for vehicles and boats. This self-contained system will start most vehicles and boats without the need for a host vehicle or 240v ac power supply. This system can also be used as a safe, portable source of 12v dc electric power in remote locations and / or in emergencies.

1) Illuminated while charging

Yellow: Battery voltage increase to 14.7V, then drop to 13.7V(Float)

Green: Battery voltage increase to 12.3V

Green: Start charging

Variable Color LED (Green or Red)

Yellow: The battery is fully charged

Green: The battery is at 50% - 80% of charged

Red flashing: Low battery voltage warning and buzzer will beep, Charge it immediately.

Variable Color LED (Green or Red)

When the jump starter on/off switch is at off position, if you connect the jump starter to the battery in the wrong polarity (reverse polarity), the jump starter warning buzzer will sound to remind you. And you should never turn the jump starter on/off switch to on position until wrong connection have been corrected!

**WARNING**  
ALWAYS WEAR EYE PROTECTION WHEN WORKING ON OR AROUND LEAD-ACID BATTERIES.  
IF SPLASHED WITH BATTERY ACID  
IMMEDIATELY WASH AFFECTED AREA SUCH AS FACE AND PARTICULARLY THE EYES WITH  
CLEAN WATER. CONTINUE WASHING AREA, FACE AND EYES UNTIL MEDICAL HELP ARRIVES.

**WARNING**

**SEALED LEAD-ACID RECHARGEABLE BATTERY GENERATES HYDROGEN GAS DURING THE BATTERY IS CHARGING. HYDROGEN GAS IS:**

- 1. EXPLOSIVE**
- 2. POISONOUS TO BREATHE**
- 3. HIGHLY FLAMMABLE**

\*Wait at least 1 hour after charging before using Jump starter  
\*Do not operate or store near flammable goods or combustables

**TO AVOID AN EXPLOSION AND/OR THE POSSIBILITY OF BEING SPLASHED WITH BATTERY ACID.**

**IMPORTANT: DO NOT USE THE UNIT IMMEDIATELY AFTER IT'S BEING CHARGED, PLEASE WAIT FOR AT LEAST AN HOUR TO LET THE HYDROGEN GAS VOLATILIZE COMPLETELY BEFORE USE.**

1. For maximum battery life, we recommend that your power pack be kept fully charged at all times. If the battery is allowed to remain in a discharged state, Battery life may be shortened. Table shows the relationship of the frequency of use between recharging and the expected number of charge/recharge cycles.

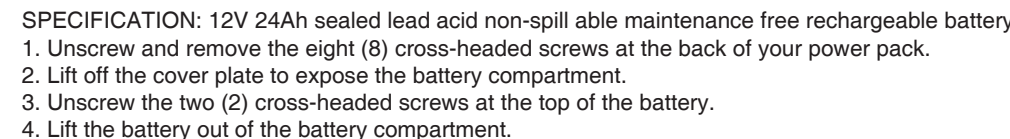
|                                          |                               |
|------------------------------------------|-------------------------------|
| Number of jump-starts between recharging | Discharge and recharge cycles |
| 1                                        | 1000+                         |
| 5                                        | 700+                          |
| 10                                       | 500+                          |

| Number of jump-starts | Recharging time<br>(in hours) | Number of jump-starts | Recharging time<br>(in hours) |
|-----------------------|-------------------------------|-----------------------|-------------------------------|
| 1                     | 8.5                           | 4                     | 33.5                          |
| 2                     | 16.5                          | 5                     | 41.5                          |
| 3                     | 25                            | 6                     | 50                            |

| APPLIANCE TYPE                  | ESTIMATED POWER CONSUMPTION (IN WATTS) | ESTIMATED USAGE TIME (IN HOURS) |
|---------------------------------|----------------------------------------|---------------------------------|
| FLUORESCENT LIGHTS, CELL PHONES | 4                                      | 30                              |
| RADIOS, FANS, DEPTH FINDERS     | 9                                      | 13                              |
| CAMCORDERS, VCR'S SPOTLIGHTS    | 8                                      | 15                              |
| ELECTRIC TOOLS, BILGE PUMPS     | 24                                     | 5                               |
| ELECTRIC COOLERS                | 48                                     | 2.5                             |
| AIR COMPRESSORS, CAR VACUUMS    | 80                                     | 1.5                             |

1. Once the engine is running, disconnect the black (-) clamp first and return this cable to its stored position on the power pack.
2. Disconnect the red (+) clamp and return this cable to its stored position on the power pack.
3. As soon as possible, connect your power pack system to the 240v ac charger and recharge.

Figure (right) Shows a back view of your power pack with the cover and eight (8) screws removed. To replace the battery follow these steps.



TO AVOID POSSIBLE DAMAGE THAT MAY SHORTEN THE UNIT'S WORKING LIFE, ENSURE THAT THE RED AND BLACK RECHARGING WIRES STAY WITH THEIR JUMPER CABLES AND ARE NOT SWITCHED.

6. Ensure that the replacement battery is oriented with the label out.
7. Ensure that the red cable and red recharging wire are attached to the positive (+) battery terminal. (also marked with red). Attach cables and the recharging wires to the battery terminals.
8. Taking care not to damage the circuit board, slide the new battery in position.

**WARNING:** do not dispose of the battery in fire as this may result in an explosion.

NOTE: SPECIFICATIONS AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE OF OBLIGATION ON THE PART OF THE MANUFACTURER.