

4 CYLINDER / 6 CYLINDER COMPACT 12V JUMP STARTER

SPECIFICATIONS:

Part Number:	PJSM800A	PJSM1200A
Battery Type	Special design fast output AGM battery	Special design fast output AGM battery
Battery Power (Ah)	8 Ah	12 Ah
Charging time from zero capacity using supplied charger (Hours)	10 to 12 hours (approximate)	15 to 18 hours (approximate)
Boost Cables (Continuous Current) (Amps)	100A @ 9V	200A @ 9V
Cable Size(AWG)	9	8
Boost Cables Length (mm)	220mm (each)	220mm (each)
Heavy Duty Clamps (Amps)	400 Amp Insulated	400 Amp Insulated
Safety main switch	Yes	Yes
Charger Type	0.8A Three stage	0.8A Three stage
USB output	5V/2.4A	5V/2.4A
LED emergency light	Yes	Yes
Charging status indicator	Yes	Yes
Low voltage warning	Yes	Yes
Inbuilt protection systems	Short circuit, reverse connection, accidental connection to 24V battery	Short circuit, reverse connection, accidental connection to 24V battery
Net Weight	2.3Kg	3.5Kg



Manufactured and packaged for SRGS PTY LTD ABN 23 113 230 050
751 Gympie Road, Lawnton, Queensland 4501, Australia
MADE IN CHINA



Value you can trust



4 CYLINDER / 6 CYLINDER COMPACT 12V JUMP STARTER

INSTRUCTION MANUAL



PJSM800A
PLU 546744



PJSM1200A
PLU 546745

WARNING:

BATTERY ACID IS HIGHLY CORROSIVE; ALWAYS WEAR PERSONAL PROTECTIVE EQUIPMENT (PPE) WHEN WORKING ON OR AROUND LEAD-ACID BATTERIES. FIRST AID & BATTERIES

- For advice, contact the Poisons Information Centre in Australia (PH: 13 11 26) or the National Poisons Centre in New Zealand (PH: 0800 764 766)
- If battery acid makes contact with the skin or clothing, wash immediately with soap and water.
- If battery acid makes contact with the eyes, hold eyelids apart and flush the eye continuously with fresh running water for at least 15 minutes or until the Poisons information centre advises you to stop.

If battery acid is swallowed, do not induce vomiting. Drink a glass of water and seek medical assistance.

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 5 MINUTES AFTER RECHARGING BEFORE USING THE JUMP STARTER**
- **DO NOT OPERATE OR STORE NEAR FLAMMABLE GOODS OR COMBUSTIBLES**

NOTE:

A JUMP STARTER IS NOT A SUITABLE REPLACEMENT FOR A DAMAGED OR DEPLETED BATTERY. IT IS RECOMMENDED TO CORRECTLY CHARGE OR REPLACE THE BATTERY AS REQUIRED.

These Jump Starters are designed as a compact, durable and portable emergency starting power system for vehicles with 12V electrical systems. This self-contained system is able to safely Jump Start vehicles with depleted or flat batteries without the need of a host jump vehicle or 240V power supply.



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FEATURES:

- Unique design high output sealed AGM rechargeable battery, can be stored or inverted without risk of leaking acid.
- Fully insulated 100% copper leads.
- Suitable to jump start a host of vehicles without the need of a second vehicle – 12 Volt Systems ONLY
- Safe and portable, powerful and lightweight design.
- Charging port on front panel can recharge from supplied 240V 3 stage smart charger or any SCA automotive 12V battery charger with quick connect plug (see in store for details)
- Built in extra bright, low current LED emergency light
- Low capacity warning beep and red LED light indicates unit requires charging (when main switch is turned on) Ensure Jump Starter is adequately charged before use.
- Inbuilt safety protection against over-load ,over-temperature ,reverse polarity, 24V battery connection and accidental short circuit (when unit main switch is ON)
- Built in 5V/ 2.4A USB socket for powering or recharging small electronic USB devices such as Mobile Phones, lights and Game Consoles.
- Illuminated main power switch for ease of use.

OPERATING INSTRUCTIONS:

BEFORE JUMP STARTING ANY BATTERY, INSPECT THE BATTERY FOR OBVIOUS SIGNS OF DAMAGE SUCH AS A SWOLLEN CASE OR LEAKING ELECTROLYTE.

JUMP STARTING



1. Ensure both the ignition of vehicle and the Jump Starter main power switch is switched OFF before any connections are made to the battery.
2. Connect the RED (+) alligator clamp of the Jump Starter to the RED (+) positive battery terminal of the vehicle.
3. Connect the BLACK (-) alligator clamp of the Jump Starter to a non-moving metal part of the engine or chassis (avoid connecting to fuel lines).
4. Switch the Jump Starter main power switch to the ON position, and leave for approximately 5 seconds.
5. Listen for any audible beeping indicating an accidental reversed polarity – the unit is protected from accidental reverse polarity connection or 24V battery connection when the main switch is on. If beeping is heard this unit will not output power, turn the main switch off, disconnect then reconnect clamps in the correct order ensuring the polarity is correct.
6. With the Jump Starter 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 1 minute before trying again to avoid overloading or damaging the Jump Starter or battery.
8. Once the engine is running, switch the Jump Starter main 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 Jump Start unit.
9. Disconnect the RED (+) Positive clamp last, and return the cable to its storage position on the Jump Starter.
10. As soon as possible, connect the Jump Starter to the supplied 240V AC 3 stage charger and recharge the unit to maintain battery life.

INBUILT SAFETY SYSTEMS:

This Jump Starter is fitted with sophisticated electronic safety systems to protect the unit and the connected battery in the result of accidental user error. Even with these protection systems in place, extreme care should be taken with the correct identification of the system voltage and the batteries being jump started:

- **Short circuit protection:** In the event of accidentally touching the Positive and Negative clamps together while switched on, the Jump Starter will shut off output power thereby preventing a dangerous overload situation. A small spark may still emit from the alligator clamps, care should still be taken to not short circuit unit around lead acid batteries.
- **Reverse Polarity Protection:** If the Jump Starter is accidentally connected in the reverse polarity when switched on, the red LED on the front panel will luminate along with a warning beep. Power will not output during reverse connection, simply toggle off the main switch and correct the polarity of the connection before attempting to use again. The Jump Start will only detect a reverse polarity connection when the main switch is on.
- **24V battery connection protection:** In the event of accidental connection to a 24V battery system, the Jump Starter unit will automatically enable its overload protection and switch power output off. The Red LED will illuminate on the front panel, along with the warning buzzer. Even though this protection will protect the Jump Starter from catastrophic failure, extreme care should be taken by the user to correctly identify the type of battery to be jump started and the operating voltage of the system.
- **Over load and over temperature protection:** When output draw from the clamps is too high or the unit has been used for an extended period, the red LED on the front panel will flash (without beeping) and the jump starter will cut output power. After a cooling down period of approximately 5 to 10 minutes the unit will work again.

OPERATION AS A PORTABLE POWER SUPPLY:

USB:

This Jump Starter is fitted with a 5V 2.4Amp USB output on the front panel of the unit. To use, simply plug in your USB cable to the socket, connect to your device and switch the Jump Starter main power switch on the left hand side to the on position.

The USB port is fitted with an overload circuit; if the port is overloaded power will be switched off and will automatically re-set after 2 minutes.



LED Emergency Light:

Toggle the light switch on the right hand side to turn the light ON or OFF.



RECHARGING THE JUMP STARTER

For maximum battery life it is recommended that this Jump Starter 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 Jump Starts between recharging	Discharge/Recharge Cycles
1	1000+
5	700+
10	500+

This Jump Starter is fitted with a red LED light to indicate when recharging is required. Simply switch on the main power toggle, if the red LED is flashing prior to load connection (with audible beeping) please recharge the unit before attempting to use it.

The red LED light will also flash when the internal battery reaches approximately 60% of charge.



Recommended recharging is from the supplied 240V AC 3 stage smart charger. Simply plug the wall 3 stage smart charger into a 240V AC outlet and the jump start connector to the front of the Jump Starter front panel. Switch on at the 240V socket, the AC 3 stage smart charger has an LED indicator to show charging status – Red for CHARGING, Green for FULLY CHARGED.



Alternatively any SCA branded battery charger fitted with the quick connect plug can also be used to recharge this Jump Starter. Follow the battery charger instructions to operate.

Recommendations to prolong battery life:

- Top up and recharge the Jump Starter every 3 months even if it isn't used.
- Recharge the Jump Starter as soon as possible if the low voltage LED light activates.
- Never store the Jump Starter in a discharged state.

BATTERY DISPOSAL:

TO PREVENT INJURY, DO NOT DISPOSE OF BATTERY IN FIRE. EXPOSURE TO FIRE OR INTENSE HEAT CAN RESULT IN EXPLOSION CAUSING SERIOUS PERSONAL INJURY. FOR CORRECT DISPOSAL, PLEASE VISIT YOUR LOCAL RECYCLING CENTRE.

Frequently Asked Questions

1. I have misplaced my Jump Starter charger?

Please see your local Supercheap Auto Store for a replacement charger

2. Is the Jump Starter waterproof?

No. The Jump Starter is to be kept out of wet weather conditions.

3. The Jump Starter is bulging from the sides, what do I do?

Discontinue using the Jump Starter.

WARRANTY:

This product is guaranteed against defects for a period of 12 months from date of purchase. This warranty is provided by SRGS PTY LTD, ABN 23 113 230 050 of 751 Gympie Rd Lawton QLD 4501 Ph (07) 3482 7500. Supercheap Auto will offer a repair, replacement product or store credit if the product is assessed as being defective during the warranty period. To claim under this warranty, take this product to the Front Service Desk of your nearest Supercheap Auto store. For store locations, visit www.supercheapauto.com.au (AUS) or www.supercheapauto.co.nz (NZ). You will need your receipt or proof of purchase. Additional information may be requested of you to process your claim. Should you be not able to provide proof of purchase with a receipt or a bank statement, identification showing your name, address and signature may be required to process your claim.

This product may need to be sent to the manufacturer to assess the defect before determining any claim. Faults or defects caused by product modification, misuse and abuse, normal wear and tear or failure to follow user instructions are not covered under this warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Any expenses incurred relating to the return of this product to store will normally have to be paid by you.

For more information contact your nearest Supercheap Auto store.

The benefits to the consumer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods and services to which this warranty relates.