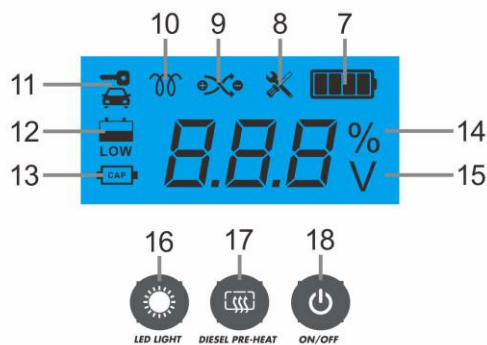
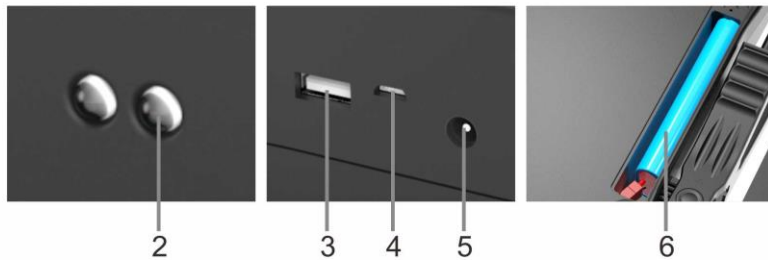


12V HYBRID PROCAP JUMP STARTER

USER MANUAL



1. Clamps	2. LED Light
3. USB output	4. Micro USB input
5. Cigar-lighter input	6. Internal battery
7. Internal battery charge indicator	8. Internal failure
9. Reverse polarity indicator	10. Diesel Pre-Heat / Glow indicator
11. Ignition ready sign	12. Vehicle battery voltage indicator
13. Ultracapacitor state	14. Booster charge percentage
15. Vehicle battery voltage	16. LED Light switch
17. Diesel Pre-Heat Switch / Glow switch	18. On/Off switch

IMPORTANT SAFETY INSTRUCTIONS



Please make sure the user of this Start Booster has read and understood this user manual before using the device. Important safety instructions must be followed.

This device has been designed according to the codes of practice valid at that time. It is safe to operate, but please make sure to read and understand this user manual beforehand. It can be dangerous if it is used incorrectly. The manufacturer cannot be held responsible for the incorrect use of this device. Please follow these steps for maximum safety:

- Always wear safety equipment: Goggles, Gloves, Ear Protection and Appropriate Attire.
- Use only accessories or attachments approved by the manufacturer. Always keep this manual close to the device.
- Modifications or alterations to this device are forbidden. Repair or servicing can only be performed by an official authorized center.
- Damaged cords, chargers or devices must be immediately fixed or replaced.
- Always use this device in a well-ventilated area.
- Never use in potentially explosive areas or near flammable areas.
- Never leave your internal battery discharged. Always make sure it is fully charged, failure to do so could void the warranty.
- Avoid short circuits and never have the clamps touch each other, or any metal part at the same time.
- Never submerge in water, burn or throw away with domestic waste.
- Safety equipment, such as a fire extinguisher or water to rinse eyes, should always be kept nearby. Make sure someone else is nearby in case of emergency.
- Do not smoke, use a lighter or matches near batteries. Do not wear vinyl clothing when using this device, as it could create electric sparks.
- Remove personal metal items when working near motors & batteries.
- Always read the vehicle's user manual before attempting a jump start.
- This device is only meant to start 12V vehicles with lead acid batteries, not lithium or dry cell batteries such as those that may be found in home appliances for example. Lead can be dangerous for pregnancy.
- The device should not be used by children or left unattended.
- Always ensure that the device is OFF (or disconnected) when not in use.
- If this device has been dropped, is damaged or is leaking, please have it controlled immediately by an authorized agent. Always attach the clamps correctly to the clamp holders after each use.
- Battery acid and gases can be dangerous, never touch or inhale them. Be careful when operating inside the engine bay or motor compartment as moving parts may cause injuries.
- Never start or recharge a frozen or very cold battery as it could be very dangerous.
- Always check the voltage of the vehicle's battery before attempting a jump start.
- Please recycle this device, its battery and packaging properly. Always keep the device at room temperature (15-25°C) when stored. Never leave in the rain, in the cold or warm temperatures.



OPERATING INSTRUCTIONS

Pre-Charging

The Hybrid Booster must be pre-charged before it can be used to jump start your vehicle. The “Standard Mode” instructions will guide you through the process of using your vehicle’s currently ‘weak’ battery to pre-charge the Booster. If your vehicle’s battery is completely discharged or defective, see the “Override mode”. This device can also be pre-charged onboard a 12V vehicle, by using the DC cigar-lighter cable provided.

Standard mode

1. Connect clamps to battery terminals. The device will automatically turn on.
The digital display will show the voltage of the vehicle’s battery.



The Booster will start to recharge automatically. The digital display shows the charging percentage of the internal Ultracapacitors.



2. When the ignition symbol appears, turn on your engine. You can also wait until “FUL” is displayed and Buzzer sounds.



If the battery of the vehicle is defective, please go to the manual recharging mode below. If the vehicle does not start after the first attempt, please wait 15 minutes before trying again. Be sure to turn OFF the air conditioning, radio, lights and any other accessories before the jump starting. Never touch the clamps together!



Override mode:

In case the battery of the vehicle is defective and not working, please use this mode to start your vehicle:



1. Press and hold the ON/OFF button for 2 seconds. The device’s internal battery will start to recharge the Ultracapacitors.
2. Once the display shows the ignition symbol, press the ON/OFF button for 2 seconds.
3. When ignition symbol is displayed and the buzzer sounds, please turn your engine on.

Do not start your vehicle if there is no battery connected. Failure to comply could result in damage to the vehicle’s ECU. The manufacturer will not accept responsibility for any damage caused by incorrect use of this product.

Diesel Pre-Heat Mode:









In cold weather, the glow plugs in most diesel vehicles will energize first to heat the fuel before the engine starts (as indicated by the GLOW symbol on the dashboard). The process takes about 4-6 seconds. In this case, after the Booster is fully recharged and connected, press the Diesel Pre-Heat button and turn on the ignition.

Note: The Diesel Pre-Heat Mode is inactive under the Override mode.

Internal Battery Pack:

This Booster is equipped with an internal lithium battery. Recharge the battery with a micro USB charger with an output of 2 Amps. Once a Micro USB charger is connected, the internal battery will recharge automatically. Recharge time: 5-8 hours. Make sure the internal battery is always charged. Leaving the battery discharged will damage it.

DIGITAL DISPLAY AND INDICATORS

1		Vehicle's battery voltage
2		Ultracapacitor charge percentage
3		When ignition symbol  appears, the unit is ready to start
4		Diesel Pre-Heat / GLOW mode activated
5		Internal battery charge level
6		Error: Reverse polarity
7		Error: Internal failure, do not use

SPECIFICATIONS:

Input: DC 12V 10A, DC 5V 2A

Storage temperature: 10°C to 25°C / **Working temperature:** -20°C to 40°C

	H75	H95
Starting current	850 Amp	1000 Amp
Recharge time from 12V battery	3-5 minutes	4-7 minutes
Recharge time from 12V socket	4-6 minutes	5-8 minutes
Recharge time from backup battery	5-8 minutes	6-10 minutes
Max consecutive starts	1-3	2-5
Start interval wait time	15 minutes	20 minutes
USB output (DC)	5V 2A	5V 2A

LIMITED WARRANTY

The warranty of this unit depends on the conditions granted by your retailer. The internal battery warranty is subject to proper maintenance. The manufacturer shall have no liability whatsoever at any time for any warranty, personal injury or property damages. Transport, wear and tear, misuse and abuse are never included.

Using accessories not supplied or approved by the manufacturer will void the warranty and can be dangerous, Please dispose of the packaging in a responsible manner. It should be recycled by your local amenity or placed in appropriate recycling bins. Never dispose of electrical equipment or batteries in your domestic waste. Have them recycled by your retailer or your local amenity.