

# JUMP STARTER PFP 680

## TECHNICAL CHARACTERISTICS

- Voltage: 12v
- Battery: 16ah/ EP16 HAWKER-GENESIS U.S.A.
- Amp. Cranking: 680ah (5 sec.)
- Amp. Maximum: 1800ah
- 1000ah clamps
- 25mm flexible cable
- Polarity change warning
- Current surge protector
- Internal battery checker
- Vehicle alternator operation indicator
- 1.8 a/h automatic charger
- Weight: 9.5kg
- Dimensions: Length 275mm, Width 83mm, Height 230mm
- Work temperature: -40°C/+45°C



**rasmus**  
MARINE

## INSTRUCTIONS FOR USE AND SAFETY

### BEFORE USING THE DEVICE FULLY CHARGE IT FOR 12H

- Firmly place the clamps on the terminals respecting the polarity and turn the cut-off key. The LED lights will illuminate indicating the state of charge of the starter battery and then start the vehicle.
- You can press the Test button to check the charge status of the internal battery.
- If the clamps have not been placed respecting the polarity, the starter beeps. In this case DO NOT turn the cut-off key in any case.
- In diesel vehicles, wait for the heaters to act.
- Wait a few minutes with the engine running to allow the battery to partially recharge.
- This unit is equipped with an electronic surge voltage suppressor device.
- Check that the BLUE LED lights up, in this way we will know that the alternator works. If it does not turn on, turn off the engine before unplugging the device.
- Use the supplied charger for optimal charging of the device. Always keep batteries charged.

## WARRANTY

This device is guaranteed against manufacturing defects for 24 months from the invoice date, this will be proof of the guarantee and must be presented to examine any component of the apparatus. The batteries must arrive with more than 12 volts since if it is lower has not been loaded properly. **ALL THE COMPONENTS OF THE STARTER CAN BE PURCHASED FROM YOUR REGULAR DEALER.**

## MODEL AVAILABLE WITH STAINLESS STEEL HOUSING

**PFP-680 SUITABLE FOR 95% OF VEHICLES INCLUDING V6 DIESEL AND PETROL ENGINES. FOR V8-V10-V12 ENGINES WE RECOMMEND PFP-1000.**