

CENTRALIZED WATER FILLING STATION

PRC.01 MODEL



PRESENTATION

- Top-up of water for battery banks
- Low pressure filling system
- Digital display (menu, measurements and history)
- Compatibility with all elements using low pressure filling
- Fills batteries located below and above the station
- The water flow is automatically stopped when filling is complete
- After filling the overall circuit, the pipes are purged so that there is no water discharge when disconnecting hydraulic connections



This water filling station is used to top-up batteries with demineralized water as specified by the battery manufacturer. It consists of the following sub -assemblies:

- Demineralised water reservoir of 60 l
- A removable external excess water tank
- Two electric pumps with solenoid valves
- Compatible with different types of batteries
- An alpha-numeric display with a menu showing the data and historic of the operations
- A 12VDC battery and a HF charger integrated to assure the autonomy of the equipment

PRC.01 – MAIN TECHNICAL SPECIFICATION

ELECTRICITY SUPPLY

- 230V or 115VAC single-phase +/- 10%, 50/60 Hz, 1A max. with 3m cable

WATER SUPPLY

- 60 litres water tank

HMI ON THE DISPLAY PANEL

- Indicator “charger in operation” (device connected to the mains), indicator “battery charged”
- Button “cycle start”, emergency pushbutton
- Digital display > flow, volume of water used, cycle status, faults

INSIDE THE STATION

- Pressure sensor at battery input typically limited to 0.2 bar
- All subassemblies accessible by removing the front cover
- Electrical protection
- Water flow adjustment

DIMENSIONS / MECHANICAL CHARACTERISTIC

- Height: 1200 mm - Width: 670 mm - Length: 900 mm
- Weight: 120 Kg (full water tank)
- 2 wheels: pneumatic or solid with 400mm
- Colours: blue RAL 5012 and white RAL 9001

CLIMATIC CONSTRAINTS

- Working Temperature: 0° C to + 45° C
- Storage temperature: 0° C to + 60° C
- IP 42

APPLICABLE STANDARDS

- European standards C52100 and C15100