



**AQUAFREE:
The source of
your energy**





The source of your energy



How to transform your vented battery into a “maintenance free” battery

This innovative, patented system relieves you of the weekly constraint of water topping-up of your batteries. Application field: dedicated to vented batteries equipped with a centralised watering system. This original concept offers a wide range of benefits:

Compact

The complete system is located in a single cabinet incorporating

- the charger
- an electro-valve
- the water tank
- a pump
- a level indicator.

Dimensions of the cabinet :
W 570 mm x D 580 mm x H 890 mm

Mobility

In the charging room or as a decentralised unit, the Aquafree is completely autonomous and needs no water connection and can then be used throughout your premises.

Long watering intervals

Depending on the battery capacity and its depth of discharge (80%), the water reserve can vary from 4 months for a 48V 775 Ah battery to as much as 30 months for a 24V 200 Ah battery.

Safety

The Aquafree cabinet incorporates 2 compartments:

- the front compartment with the display houses the water tank and its mechanism
- the partitioned, rear compartment, is dedicated to the charger and to ventilation for optimum cooling

Maintenance contract

A maintenance contract will provide a complete survey of your battery and charger fleet.

The Aquafree system is the ideal solution to simplify your maintenance operations especially in fleet rental markets.

Option

- BSI: management of batteries

Range

The Aquafree is available in 4 models :

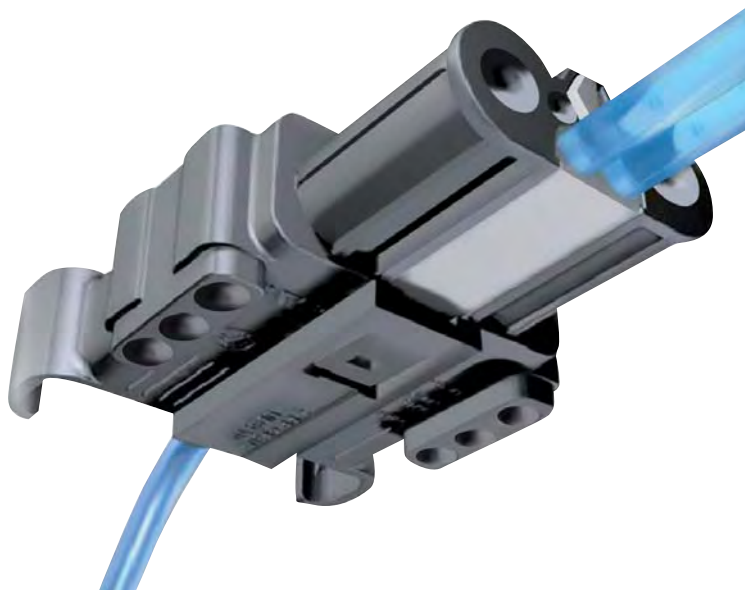
Mini	} 1phase 24 V
Medio	
Maxi	
Solo	3phase 48 V

Range suitable for general warehouse trucks.

Simplified use and efficiency

Via this new plug design, you recharge and top up your battery in the same time. You proceed to automatic topping up each time you recharge.

Efficiency of a Hawker HF charger, with remote display on the cabinet door (single phase 24 V or 3phase 48 V according to model), then offering the features of a safe and appropriate charge.



Easy maintenance and reliability

When you reach low water level in the water tank, a blue led on the display informs you that within 10 cycles it will be impossible to recharge the battery. If the led is blinking, the charger is stopped. Replenishing the water tank will automatically release the safety lock. The system ensures that the battery can not be used without sufficient water in the water tank.

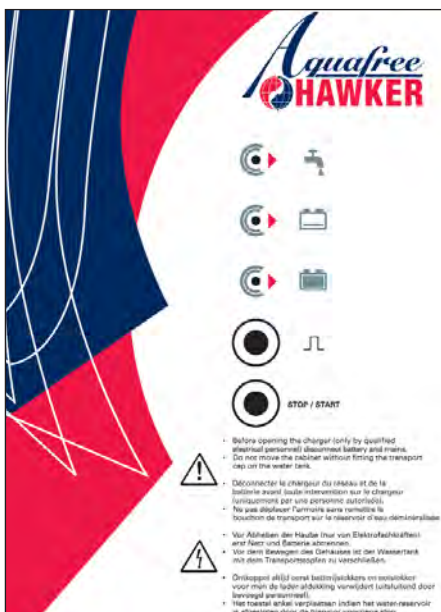
Time savings


- in water topping up
- in forklift/truck travel time to the water filling station

Cost savings

- the guarantee of an appropriate daily topping up of the battery gives an increase in battery life expectation

- no need for dedicated personnel for battery topping-up
- no need for specific charging rooms or equipments such as:
 - water connection tubes
 - externally mounted electro-valves





Wherever you do business, EnerSys can support you with motive power energy. The Hawker branded battery range, matched chargers and systems provide trouble free performance under the most demanding service conditions. Our strategically located manufacturing plants are efficient and responsive with a culture of continuous improvement and added value for our business partners.

EnerSys has an enviable position in technology leadership and with significant investment in research and development we intend to stay at the leading edge in product innovation. The recently developed energy solutions: Water Less® and XFC batteries, Lifetech and Lifespeed HF chargers, have defined new benefits for our customers: faster recharge, more machine availability, lower operating and investment costs, reduced carbon footprint. Our team of development engineers is driven by the desire to build the best energy solutions and works closely with our customers and suppliers to identify development opportunities. Our bias for rapid innovation means we get new products to market fast.

EnerSys's integrated sales and service network is dedicated to providing our customers with the best solutions and after-sales support for their business. Whether you require 1 battery or a complete fleet of batteries, chargers, a battery handling system and a state of the art fleet management system, you can count on us. EnerSys is the world's largest industrial battery manufacturer and we are dedicated to being the best.



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