

EDrive Aqualess

The traction battery with the lowest maintenance cost.

EDrive
PACKAGE

Applications:

Internal logistics
Cleaning machines
Electric Vehicles
Shipping

EDrive Aqualess Airmatic. The ultimate package.

EDrive Aqualess Airmatic combines the advantages of a maintenance-free battery in a classic traction battery. An intelligent adjustment in the cell structure ensures a significant reduction of water consumption. With a normal 80% discharge, for 5 days a week, water only needs to be topped up every 12 weeks. This ensures a sharp drop in maintenance costs and gives you great ease of use. With the additional Airmatic option, you can also enjoy lower energy bills. This system releases almost no gas and allows for 30% faster loading.

Advantages EDrive Aqualess Standard Tube in tube system

- Water refill interval is reduced significantly to 8 weeks (with normal use and 80% discharge, 1 cycle per day, 5 days per week) use with an 80% discharge, 1 cycle per day, 5 days per week)
- Less maintenance costs

Advantages EDrive Aqualess Airmatic

- Water refill interval drops significantly to 12 weeks
- Reduced loading factor
- 50% to 80% less gas release
- 20% to 30% faster charging times
- 10% to 20% less energy consumption
- Decrease in operating temperature



For optimal acid circulation, a tube in tube system is provided.

Overview EDrive Aqualess Airmatic Package

Specifications	EDrive Aqualess Standard	EDrive Aqualess Airmatic
Water refill interval in weeks	8	12
Charger	High-frequency	High-frequency with pump
Load factor	1,10 - 1,11	1,07 - 1,08
Automatic water filling system	Optional	Optional
Acid circulation	-	Included

The water refill interval is based on an 80% discharge, 1 cycle per day, 5 days per week.

EDrive
PACKAGE

EDrive Flexis Pro

To make maximum use of the advantages of EDrive Aqualess, we recommend the EDrive Flexis Pro. The charging curve of this high-frequency charger is perfectly matched to the EDrive Aqualess battery. This keeps the charge factor extremely low and results in very little water consumption and energy loss.

The charger's control system regulates the pump so that the correct pressure and flow rate are achieved. This results in an optimal operation of the acid circulation through the battery. The operation and pressure build-up of the system is clearly displayed on a large colour screen. In the unlikely event of a malfunction in the Airmatic system, for example loss of pressure due to a damaged hose, the charger will clearly display this on the colour screen. However, the load will not be interrupted, so that your machine will not have to stop.

Choose the EDrive Flexis Pro, the most intelligent and energy-efficient charger. See our separate folder of the EDrive Flexis Pro for more information.



Automatic water filling system



Despite a significant reduction in water consumption, the EDrive Aqualess battery still needs to be topped up. Thanks to the BFS III battery water filling system, this process of topping up water is automated. The BFS filling system is made from high-quality materials and is very easy to install. This makes BFS III the most flexible and reliable filling system in its category.

Advantages

- Fast process and very easy to install
- Flexible rubber hoses
- Water barrels and deionisation devices available

Ecobat Battery

Industrieweg 15, 2390 Malle, Belgium

Tel Belgium +32 (0)3 309 24 24

Tel Netherlands +31 (0)515 53 18 81

info.malle@ecobat.com

ecobatbattery.be

ecobat
BATTERY