

The Volvo maintenance free battery



The Volvo standard battery

The Volvo batteries

The Volvo maintenance free batteries are of super heavy-duty type and the Volvo standard batteries are of heavy duty type.They are both designed to withstand tough climate and operating conditions.This means that they both meet the high Volvo requirements when it comes to capacity, long life time, start output, low or no maintenance, vibration resistance and acid leakage.

The thick plate design inside the batteries give high capacity without compromising on start output.

The maintenace free battery with its calcium alloy and the standard battery with its low antimony alloy, both ensure low self discharge and low water consumption. The maintenace free battery is completely sealed, i.e. cell plugs completely flush with the lid and no need to ever open.

The lid is designed with a central degassing to provide extremely low water consumption.

Both battery types also fulfil the high Volvo demands on cold conditions.

The batteries are to 95% recycleable.

There are three different capacity levels, 140 Ah (2BATT140), 170 Ah (2BATT170) and 225 Ah (2BATT225).

The Volvo maintenance free battery's sales variant is BAMAFREE and the standard battery's sales variant is UBAMAFRE

FEATURES AND BENEFITS

Volvo maintenance free battery

- Completely maintenance free lead acid battery and no need to top up with water.
- Extremely low water consumption, approximately 90% lower than the standard battery.
- High cycle lifetime.
- High charge acceptance.
- Vibration resistant.
- Strong cold start capacity.
- Extremely low self discharge, up to 15 month storage time before need of recharge.

Volvo standard battery

- High cycle lifetime.
- High charge acceptance.
- Vibration resistant.
- Strong cold start capacity.
- Up to 6 month storage time before need of recharge.

Sales variants and component data

Battery capacity	2 x 140 Ah	2 x 170 Ah	2 x 225 Ah
Mainten. free, sales variants	2BATT140, BAMAFREE	2BATT170, BAMAFREE	2BATT225, BAMAFREE
Standard, sales variants	2BATT140, UBAMAFRE	BATT170, UBAMAFRE	2BATT225, UBAMAFRE
Weight (kg)	76	91	120
Output current (cold start capacity) at -18 degrees C	800A	1000A	1150A

VOLVO

Volvo Truck Corporation
www.volvotrucks.com