



Long term storage

Information about the need of long term storage must be received at the time of order.

Seaworthy package must be selected for all orders requiring long term storage. This ensures that the package provides sufficient protection against moisture and corrosion. Do not open the package unless you can store the compressors in dry heated indoor space.

Dry indoor storage in cool, but frost free, environment is recommended. Observe the following conditions:

- Ambient temperature: -10 °C ... +60 °C [+14 °F ... +140 °F].
- For a maximum 72 hours storage, ambient temperature: -40 °C ...+60 °C [-40 °F ... +140 °F].
- Maximum relative humidity < 95 %, non-condensing, non-corrosive, no dripping water.

The batteries of the MBC are inside the electrical cabinet. It is recommended to store the compressor containing the battery pack in a cool, but frost free, environment (+5 ... +10 °C) in order to preserve the batteries. Also, storing batteries for an extended time without recharging, particularly in a warm environment, is detrimental to the batteries.

Visually inspect the electrical cabinet, when the package is opened after long term storage. Pay attention to any moisture or condensation/water droplets. If any moisture is observed, let the compressor dry completely in a dry, heated indoor space before connecting the power.

The date of the previous power on is the test date given on the inspection report. It is not recommended to store the unit for more than 12 months without power. However, if the compressor has been without power for 12 months from the test date then it is **mandatory** to contact Sulzer Service to recharge the capacitors of the VFD before the power is connected.

ATTENTION: Severe damage to the VFD may occur, if the DC capacitors are not recharged by the VFD service before connecting the power in case the unit has been without power for longer than 12 months.

Allow adequate time for the magnetic bearing controller to charge the batteries after initial power up. The charge and battery test cycle may take up to 24 hours after long term storage. During this cycle the compressor reports a fault and it is not possible to run the compressor.

NOTE: If the batteries have been stored in warm environment for a long period the battery test may fail and the start of the compressor is not possible before the batteries have been replaced with new ones.