

## **Shipment and Storage Instructions of Batteries Sold with BEKA Schröder Solar Solutions**

### **Shipment of Batteries**

1. Choose adequate means for shipment, delivery and handling, as the batteries are heavy. Handle the batteries with care. Do not tilt or drop a battery pack.
2. Installation Staff should take care as to not damage the terminals and valve plugs of the battery.
3. The self-discharge during shipment and storage increases due to higher temperature and poor ventilation. Keep batteries well ventilated and away from open flames and direct sunlight when stored in a warehouse.
4. Disconnect the batteries from the load and a charging system while in storage.

### **Storage of Batteries**

1. The batteries must be stored in a dry, clean non-corrosive and well-ventilated area in such a manner to prevent the possibility of a short-circuit.
2. The storage temperature is dependent on the technology used. The following is recommended:
  - a. **Lead-Carbon batteries** can be stored at a temperature between -20°C and 35°C.
  - b. **Lithium-Ion batteries** can be stored at a temperature between -20°C and 35°C.
  - c. **Supercapacitor-battery systems** can be stored at a temperature between -20°C and 40°C.
3. It is not recommended to store the batteries for longer than 3 months without recharging the batteries using a dedicated battery charger.
4. It is recommended to charge the batteries using a dedicated battery charger before installation.

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