

# OPERATING INSTRUCTION

## CELL LIFTING DEVICE

### 1. Safety notices

The lifting device must only be used for lifting and moving of BAE battery cells in connection with a hoisting gear with crane hook. Only **one** cell has to be lifted per case. Please read this operating instruction before use.

Before each use check the device for material defect. Defect parts must not be used. Acid contact with the belt has to be avoided.

### 2. Use of the device

Cells are only to be lifted by at least two persons who are trained in handling batteries and hoisting gears.



Picture 1



Picture 2



Picture 3

Tilt the cell carefully and put a wooden strip or similar underneath (see picture 1). Thread the longer end of the blue belt underneath the cell in between the two cell feet. Please put attention to the green belt position. Thread the green belt through the little loop of the blue belt according to picture 2. Lower the crane hook until the loops of the blue belt can loosely be hooked into (see picture 3).



Picture 4



Picture 5



Picture 6



Picture 7

Loop the green belt around the cell, lead the green belt through the buckle, fasten it tight (pictures 4, 5) and position the blue belt centrally to the cell (picture 6). Lift the cell slowly and move it carefully to the destination (picture 7). In order to avoid heavy motions guide the cell during the transport. After arriving at destination lower the cell slowly, control the stability of the cell position and remove the belts.

The lifting device is suitable for the following BAE cells:

Minimum dimensions (mm): ca. 145 x 205 x 700 (LxWxH)

Maximum dimensions (mm): ca. 220 x 580 (LxW),  
ca. 855 (H)

Maximum weight: 250 kg

e.g. 5 OGi 400; 6 OPzS 600

e.g. 26 OPzS 3250

e.g. 12 OPzS 1500; 12 PVS 2280

e.g. 26 OPzV 3250

### 3. BAE material number

Cell lifting device: Mat. No. 6101890



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