

Nickel Cadmium Aircraft Battery for

# Airbus A320 Series

An advanced low maintenance battery designed for On-board Starting & Emergency Back-up for the A320 Series commercial aircraft. It provides an European Aviation Safety Agency (EASA) Federal Aviation Administration (FAA), Directorate General of Civil Aviation (DGCA) qualified form/fit/function/interface as with the OEM battery.

HBL aviation batteries provide excellent electrical performance under extreme temperatures. Reliability is assured throughout their service life.

## Key Features

- ❖ Proven reliability
- ❖ World-class design
- ❖ Excellent performance under extreme climatic conditions
- ❖ Low maintenance
- ❖ Long service life

**EASA Approved**  
(POA: EASA.21G.0019, STC: 10047368)

**FAA Approved**  
(130L-14-171)

**DGCA Approved**  
(BLR/AED/HBL2013/002)



## NCSP B 23060 LM

### Electrical characteristics

Nominal voltage	24 volts
Nominal capacity	23 Ah at 1 hour rate
Recommended charging voltage on aircraft	28.5 volts

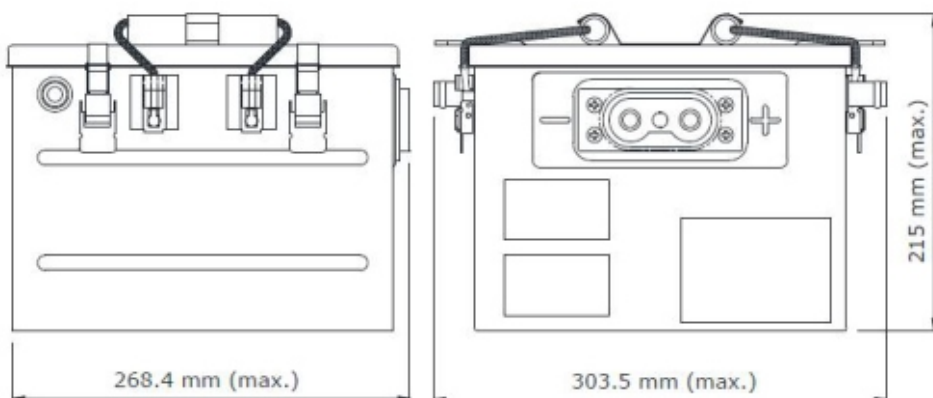
### Physical characteristics

Length (max.)	268.4 mm (10.56 in)
Width (max.)	303.5 mm (11.94 in)
Height (max.)	215 mm (8.46 in)
Weight (max.)	25.5 kg (56.2 lbs)

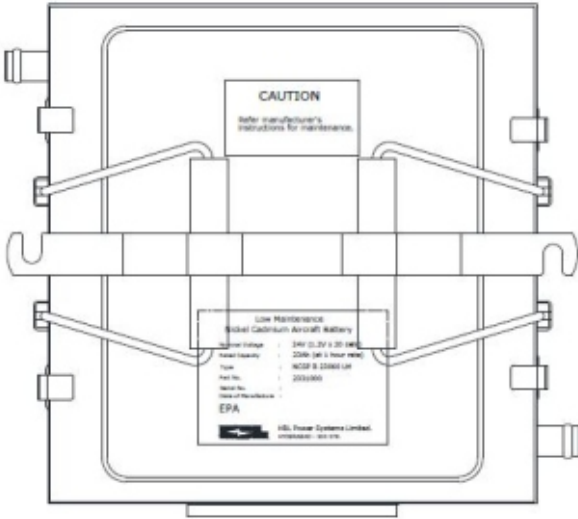
### Application

Airbus A320 series (318, 319, 320 & 321) aircraft

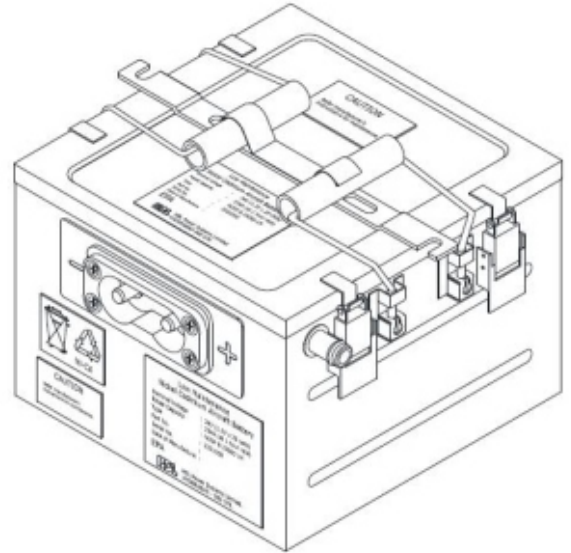
Identical Form / Fit / Function / Interface, for replacement of OEM batteries



Top view

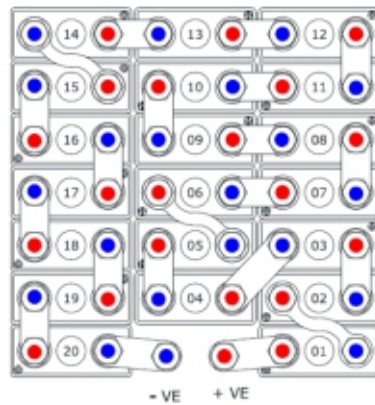


Isometric view



## Electrical Schematic

- INDICATES POSITIVE TERMINAL
- INDICATES NEGATIVE TERMINAL



### HBL Power Systems Ltd.

Road No. 10, Banjara Hills,  
Hyderabad 500037, TG, INDIA  
www.hbl.in  
aero@hbl.in  
+91 9989313601

### HBL America Inc.

712, Brook Street  
Rocky Hill, CT 06067  
www.hblbatteries.com  
aero@hblbatteries.com  
+1 860 257 9800

### HBL Germany GmbH

Emilienstr.24a  
08056 Zwickau  
Germany  
www.hblpower.de  
Email: contact@hbl.in  
Janet.berthel@hbl.in  
Tel: +49 375 390 965 97  
Fax: +49 375 390 965 99