



# Ex Battery Enclosure Series (BC)



The JCE Group battery enclosure BC series range from 25Ah up to 200Ah and are intended for use in areas made potentially hazardous by the presence of flammable liquids, gases or vapours (Zone 1 and Zone 2).

A battery enclosure is used to provide a power supply for equipment where conventional supply sources fail or are not available.


Batteries of the BC series provide high capacities for many different applications. This range has been successfully in use for over twenty years in many installations worldwide. The success of BC batteries comes from the superior dryfit technology, available in a wide range of models to provide a solution for every power need.

The BC battery range can be combined with JCE's solar panels and solar charge controllers to provide a standalone off-grid power solution suitable for use within hazardous areas.

## Materials and Finish

<b>Body &amp; Cover -</b>	316L stainless steel
<b>Cover Nuts -</b>	316L stainless steel
<b>Finish -</b>	Brushed stainless steel
<b>Earthing -</b>	All enclosures are supplied with a M8 or M10 stainless steel internal and external earth stud as standard. Larger internal earths can be fitted on request.
<b>Electrical Connections -</b>	Each BC battery is supplied with fixed double insulated 5m long battery leads.

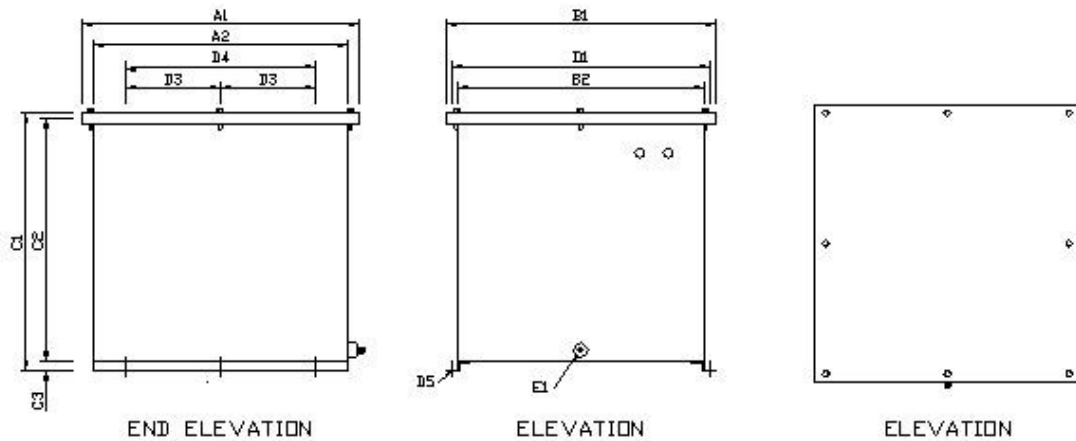
## Ratings and Approvals

<b>Categories -</b>	 II 2 G
<b>Codes -</b>	Ex eb IIC T6/T5 Gb
<b>Protection Grade -</b>	IP66
<b>Certificate Nos -</b>	TRAC14ATEX0059X IECEx TRC 14.0025X
<b>Temperature -</b>	-20°C to +40°C T6 -20°C to +50°C T5

## Certification:



## Dimensions



## Specifications

DIMENSIONS														
PART NO.	CAPACITY & VOLTAGE	A1	A2	B1	B2	C1	C2	C3	D1	D3	D4	D5	E1	WEIGHT (KG)
BC -1	65Ah 12Vdc	445	405	415	365	361	330	15	395	/	240	11	M8	45
BC-2	65Ah 24Vdc	445	405	415	365	501	470	15	395	/	240	11	M8	70
BC-1A	120Ah 12Vdc	587	537	310	260	506	470	20	290	200	400	14	M10	68
BC-2A	120Ah 24Vdc	587	537	500	450	541	505	20	480	200	400	14	M10	133
BC-2B	85Ah 12Vdc	435	395	440	400	419	383	20	328	150	300	14	M10	62
BC-3	140Ah 12Vdc	587	537	348	298	511	475	20	348	200	400	14	M10	74
BC-4	140Ah 24Vdc	587	537	568	518	551	515	20	568	200	400	14	M10	140
BC-3A	200Ah 12Vdc	590	540	395	344	592	556	20	394	250	500	14	M10	102
BC-4A	200Ah 24Vdc	590	540	670	620	632	596	20	650	250	500	14	M10	183
BC-10	25Ah 24Vdc	450	410	280	250	303	270	15	460	/	130	11	M8	39

**Typical features -** Drainage hole  
Encapsulated terminations

**Battery -** Dryfit gel - VRLA  
Design life 6-9 years  
General purpose according to Eurobat classification

## Ordering Information

When ordering please specify rated voltage and load / charging current.



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- Details of certification and conformity can be provided on request.
- All products sold subject to our terms and conditions of business.
- Health and Safety at Work Act 1974. In the UK all equipment must be installed and disposed of (as required) within the legislative requirements of the Health & Safety at Work Act 1974.
- We reserve the right to make alterations to the technical data dimensions, weights, designs and product available without notice.
- The illustrations should not be considered legally binding.