



# BC Series Battery Cubicle



The JCE range of BC Series Battery Cubicles ranging from 1.2Ah up to 3000Ah 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 Cubicle is used to provide a supply for equipment where conventional supply sources fail or not available.

Used in conjunction with JCE Group Solar Panel and Solar Controller Enclosure the BC cubicle is part of a complete power source solution using renewable energy concept.

All mild steel version enclosures are chromate primed and polyester powder coated for increased protection against corrosion in hostile environments.

## Materials and Finish

**Body & Cover** - Mild steel coated or 316L stainless steel

**Cover Bolts** - Mild steel coated or 316L stainless steel

**Finish** - Polyester powder coated on mild steel option. Textured black as standard. Other finishes available on request.

**Isolator** - Copper free aluminium alloy LM25 (BS1490) with less than 0.2% copper content.

## Earthing

All enclosures are supplied with a 10mm stainless steel (18/8) internal and external earth stud as standard. Larger internal earths can be fitted on request.

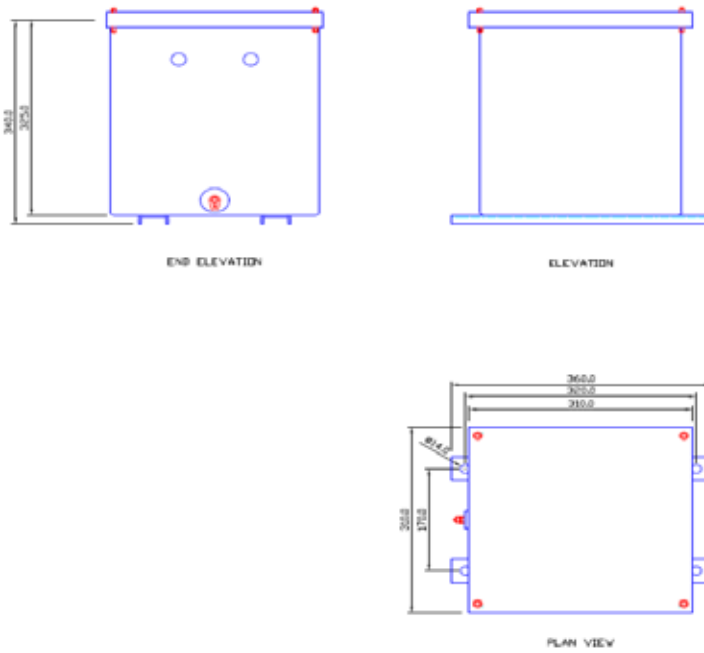
## Entries and Thread Standards

Standard thread forms are ISO Metric to BS 3643 and are dependent upon the rating of the battery enclosure. NPT can be supplied on request.

## Protection Grade

Standard Ingress Protection is IP24 but can be increased to IP66, if required.

**Typical Dimensions**  
**55Ah, Zone 2 BC Enclosure**  
**(For Illustration only)**



**Specifications**

<b>Ex Protection -</b>	Ex e II T6	<b>Temperature Range -</b>	-20°C to +40°C
<b>Voltage -</b>	24V	<b>Battery -</b>	Dry fit Lead Acid Long life 4 - 5 years (60% of rated capacity) Suitable for deep discharge
<b>Capacity -</b>	36Ah	<b>Typical features -</b>	Drainage Hole Encapsulated Battery
<b>20 hr Discharge Current -</b>	1.8A		
<b>Max load -</b>	400A		
<b>I.P Rating -</b>	I.P 23		

**Ordering Information**

Other AH or V ratings available on request as bespoke applications.

When ordering please specify rated voltage, current and breaking capacity.



JCE Group (UK) Ltd, Blackburn Business Park, Aberdeen, AB21 0PS  
 Tel. +44 (0) 1224 798600 Fax +44 (0) 1224 798601  
 E-Mail: info@jcegroup.com

JCE (Europe) Ltd, East Way, Lee Mill Industrial Estate, Ivybridge, Devon, PL21 9LL  
 Tel. +44 (0) 1752 690530 Fax +44 (0) 1752 690531  
 Email: info@jcegroup.com



19998 Hickory Twig  
 Spring, TX 77388  
 (281) 882-8300  
 www.sourceiex.com