

BS Cells (Standard)

Bolted 158mm wide

Eternity Technologies have brought together the latest manufacturing processes and modern design criteria to deliver the Eternity Technologies BS range of Cells designed to meet the ever changing demands of the Global Motive Power market.

 Part of our Motive Power range

Features

Lead-acid vented batteries with liquid electrolyte

Capacity for BS product range: 110-1296Ah

Non-woven tubular sleeving helps to increase productivity while maximising performance

Modern tubular design maximises the active lead material and delivers optimised energy

The latest separator design delivers increased acid volumes and increases acid circulation

Fully insulated terminals

Applications

Forklift Trucks

Electric Vehicles

Cleaning Machines

Lifting platforms

Road vehicles

Tow tractors

Other electric vehicles with high energy/ deep cycle requirements

Compliant with

EN60-254-1 & EN60-254-2
IEC254-1 & IEC254-2



BS Cells (Standard)

Positive plate

High energy density tubular positive plate

Separator

Microporous polyethylene separator design delivers increased acid volumes

Sealing washer

Thermoplastic elastomer (TPE) sealing washer utilised for leak free sealing of the terminal



Negative plate

Industry leading negative plate design

Gauntlet

Non-woven, high-capacity polyester gauntlet

Base prism

Rigid polypropylene prism to collect dislodged active material preventing bottom edge shorts

BS Cells (Standard) - Weight, Capacity and Dimension Charts

55 Ah Plate		H1 = 402 mm H2 = 432 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 110	110	7.5	46
3 PzB-ET 165	165	10.3	62
4 PzB-ET 220	220	13.2	78
5 PzB-ET 275	275	16.3	94
6 PzB-ET 330	330	19.3	110
7 PzB-ET 385	385	21.7	126
8 PzB-ET 440	440	24.9	142
9 PzB-ET 495	495	28.3	158
10 PzB-ET 550	550	30.5	174

65 Ah Plate		H1 = 454 mm H2 = 484 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 130	130	8.3	46
3 PzB-ET 195	195	11.9	62
4 PzB-ET 260	260	15.1	78
5 PzB-ET 325	325	18.5	94
6 PzB-ET 390	390	21.8	110
7 PzB-ET 455	455	25.3	126
8 PzB-ET 520	520	28.2	142
9 PzB-ET 585	585	32.0	158
10 PzB-ET 650	650	35.6	174

75 Ah Plate		H1 = 515 mm H2 = 545 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 150	150	9.6	46
3 PzB-ET 225	225	13.1	62
4 PzB-ET 300	300	17.2	78
5 PzB-ET 375	375	21.1	94
6 PzB-ET 450	450	24.9	110
7 PzB-ET 525	525	28.6	126
8 PzB-ET 600	600	32.8	142
9 PzB-ET 675	675	36.2	158
10 PzB-ET 750	750	40.2	174
11 PzB-ET 825	825	43.5	190
12 PzB-ET 900	900	48.3	206

80 Ah Plate		H1 = 515 mm H2 = 545 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 160	160	9.8	46
3 PzB-ET 240	240	13.7	62
4 PzB-ET 320	320	17.6	78
5 PzB-ET 400	400	21.3	94
6 PzB-ET 480	480	25.5	110
7 PzB-ET 560	560	29.3	126
8 PzB-ET 640	640	33.4	142
9 PzB-ET 720	720	37.3	158
10 PzB-ET 800	800	41.5	174

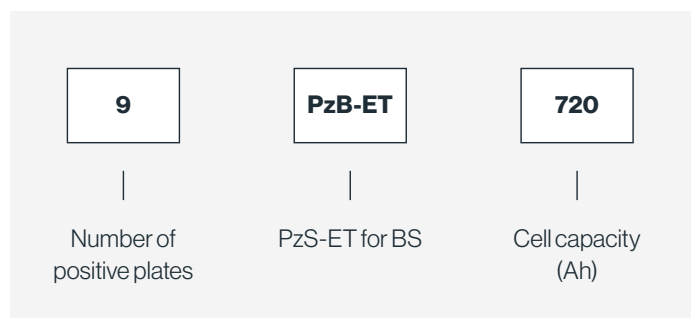
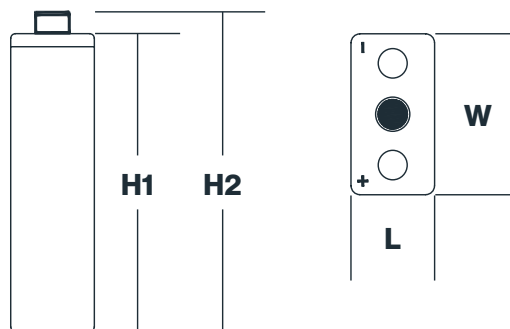
86 Ah Plate		H1 = 568 mm H2 = 598 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 172	172	10.8	46
3 PzB-ET 258	258	14.9	62
4 PzB-ET 344	344	19.3	78
5 PzB-ET 430	430	23.6	94
6 PzB-ET 516	516	28.0	110
7 PzB-ET 602	602	31.9	126
8 PzB-ET 688	688	36.3	142
9 PzB-ET 774	774	40.6	158
10 PzB-ET 860	860	45.1	174

100 Ah Plate		H1 = 600.5 mm H2 = 630.5 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 200	200	11.4	46
3 PzB-ET 300	300	15.9	62
4 PzB-ET 400	400	20.7	78
5 PzB-ET 500	500	25.3	94
6 PzB-ET 600	600	29.6	110
7 PzB-ET 700	700	34.4	126
8 PzB-ET 800	800	39.3	142
9 PzB-ET 900	900	43.5	158
10 PzB-ET 1000	1000	48.7	174
11 PzB-ET 1100	1100	53.2	190
12 PzB-ET 1200	1200	57.5	206

108 Ah Plate		H1 = 687 mm H2 = 717 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 216	216	13.0	46
3 PzB-ET 324	324	18.1	62
4 PzB-ET 432	432	23.2	78
5 PzB-ET 540	540	28.2	94
6 PzB-ET 648	648	33.5	110
7 PzB-ET 756	756	38.9	126
8 PzB-ET 864	864	44.6	142
9 PzB-ET 972	972	49.5	158
10 PzB-ET 1080	1080	54.8	174
11 PzB-ET 1188	1188	60.1	190
12 PzB-ET 1296	1296	65.3	206

± 5% weight tolerance
H1: Height over lid
H2: Overall height including connector and bolt
Torque: 23Nm

Not to scale



POWER FOR TOMORROW TODAY

The Eternity Technologies range is built using only the highest quality and most efficient production processes at our state-of-the-art manufacturing centre in the UAE.

It is this innovation, modern design criteria and industry-leading machinery that allows Eternity Technologies to not only meet the needs of the global industrial market with increased reliability but define it for the future.



Service



Accessories



Bloc Batteries



Chargers



Network Power



Motive Power



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