

BS Cells (Low Maintenance)

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. Eternity Technologies BS Low Maintenance Cells are designed to have minimal water loss resulting in extended watering periods and reduced routine maintenance.



Part of our Motive Power range

Features

Lead-acid vented batteries with liquid electrolyte

Capacity for BS product range: 150-1296Ah

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 (Low Maintenance) - Weight, Capacity and Dimension Charts

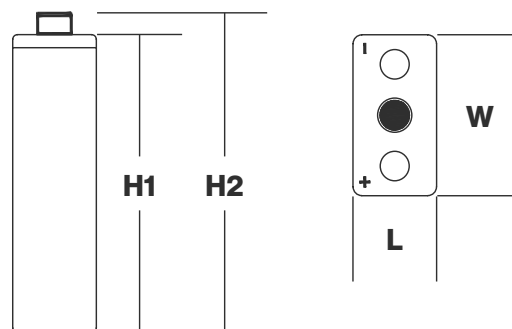
75 Ah Plate		H1 = 515 mm H2 = 545 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 150-LM	150	9.6	46
3 PzB-ET 225-LM	225	13.1	62
4 PzB-ET 300-LM	300	17.2	78
5 PzB-ET 375-LM	375	21.1	94
6 PzB-ET 450-LM	450	24.9	110
7 PzB-ET 525-LM	525	28.6	126
8 PzB-ET 600-LM	600	32.8	142
9 PzB-ET 675-LM	675	36.2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

100 Ah Plate		H1 = 600.5 mm H2 = 630.5 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzB-ET 200-LM	200	11.4	46
3 PzB-ET 300-LM	300	15.9	62
4 PzB-ET 400-LM	400	20.7	78
5 PzB-ET 500-LM	500	25.3	94
6 PzB-ET 600-LM	600	29.6	110
7 PzB-ET 700-LM	700	34.4	126
8 PzB-ET 800-LM	800	39.3	142
9 PzB-ET 900-LM	900	43.5	158
10 PzB-ET 1000-LM	1000	48.7	174
11 PzB-ET 1100-LM	1100	53.2	190
12 PzB-ET 1200-LM	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-LM	216	13.0	46
3 PzB-ET 324-LM	324	18.1	62
4 PzB-ET 432-LM	432	23.2	78
5 PzB-ET 540-LM	540	28.2	94
6 PzB-ET 648-LM	648	33.5	110
7 PzB-ET 756-LM	756	38.9	126
8 PzB-ET 864-LM	864	44.6	142
9 PzB-ET 972-LM	972	49.5	158
10 PzB-ET 1080-LM	1080	54.8	174
11 PzB-ET 1188-LM	1188	60.1	190
12 PzB-ET 1296-LM	1296	65.3	206

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

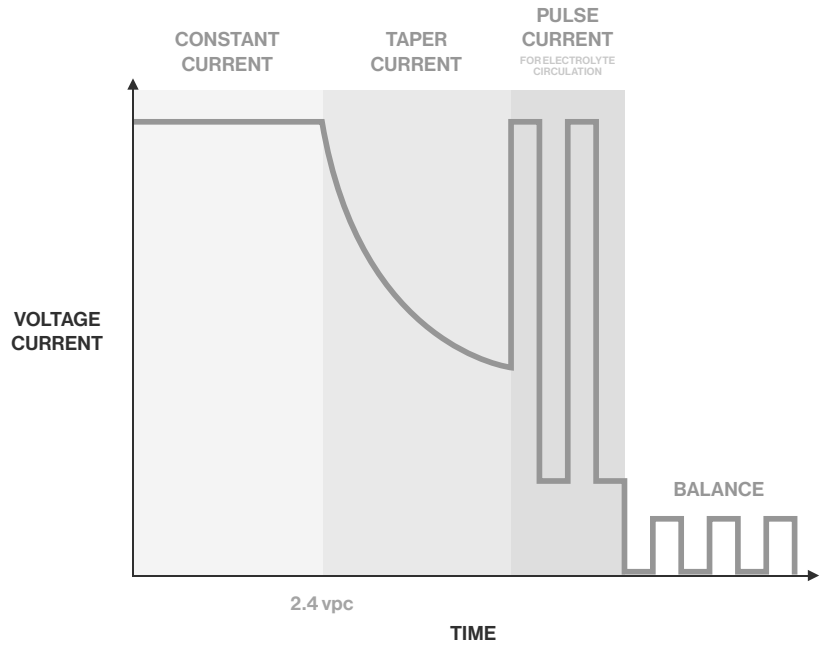
Not to scale



9	PzB-ET	675	LM
Number of positive plates	PzS-ET for BS	Cell capacity (Ah)	Low Maintenance

Low maintenance recharge profile

Extended watering intervals of up to 90 days when using a low maintenance pulse charging profile with no reduction in capacity.



BS Cells (Low Maintenance)

Positive plate

High energy density tubular design with low antimony alloy for extended watering intervals

Negative plate

Industry leading negative plate design

Separator

Microporous polyethylene separator design delivers increased acid volumes



Sealing washer

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

Gauntlet

Non-woven, high-capacity polyester gauntlet

Base prism

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

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



Eternity Technologies FZ-LLC

Al Jazeera / Al Hamra, PO Box 35102,
Ras Al Khaimah, UAE

Sales & service

info@eternitytechnologies.com

www.eternitytechnologies.com