

DIN Cells (Low Maintenance)

Bolted 198mm wide

Eternity Technologies have brought together the latest manufacturing processes and modern design criteria to deliver the Eternity Technologies DIN range of Cells designed to meet the ever changing demands of the Global Motive Power market. Eternity Technologies 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 DIN product range: 100 – 1550Ah

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

Suitable for all applications

Applications

Forklift Trucks

Electric Vehicles

Cleaning Machines

Lifting platforms

Road vehicles

Tow tractors

Other electric vehicles with high energy/ deep cycle requirements

Compliant with

EN602-54-1 & EN60-542-2
IEC254-1 & IEC254-2



DIN Cells (Low Maintenance)



Positive plate

High energy density tubular positive plate 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

DIN Cells (Low Maintenance) - Weight, Capacity and Dimension Charts

50 Ah Plate	H1 = 260 mm H2 = 290 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 100-LM	100	6.0	47
3 PzS-ET 150-LM	150	8.7	65
4 PzS-ET 200-LM	200	11.1	83
5 PzS-ET 250-LM	250	13.9	101
6 PzS-ET 300-LM	300	16.4	119
7 PzS-ET 350-LM	350	18.7	137
8 PzS-ET 400-LM	400	21.1	155
9 PzS-ET 450-LM	450	23.9	173
10 PzS-ET 500-LM	500	26.1	191

60 Ah Plate	H1 = 333.5 mm H2 = 363.5 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 120-LM	120	8.3	47
3 PzS-ET 180-LM	180	11.5	65
4 PzS-ET 240-LM	240	15.0	83
5 PzS-ET 300-LM	300	18.5	101
6 PzS-ET 360-LM	360	22.3	119
7 PzS-ET 420-LM	420	24.8	137
8 PzS-ET 480-LM	480	28.7	155
9 PzS-ET 540-LM	540	31.9	173
10 PzS-ET 600-LM	600	35.1	191

80 Ah Plate	H1 = 396.5 mm H2 = 426.5 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 160-LM	160	9.7	47
3 PzS-ET 240-LM	240	14.0	65
4 PzS-ET 320-LM	320	18.2	83
5 PzS-ET 400-LM	400	22.3	101
6 PzS-ET 480-LM	480	26.3	119
7 PzS-ET 560-LM	560	30.5	137
8 PzS-ET 640-LM	640	34.9	155
9 PzS-ET 720-LM	720	38.9	173
10 PzS-ET 800-LM	800	43.0	191

90 Ah Plate	H1 = 463.5 mm H2 = 493.5 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 180-LM	180	11.1	47
3 PzS-ET 270-LM	270	15.9	65
4 PzS-ET 360-LM	360	20.5	83
5 PzS-ET 450-LM	450	25.6	101
6 PzS-ET 540-LM	540	30.1	119
7 PzS-ET 630-LM	630	34.5	137
8 PzS-ET 720-LM	720	39.0	155
9 PzS-ET 810-LM	810	43.8	173
10 PzS-ET 900-LM	900	48.4	191

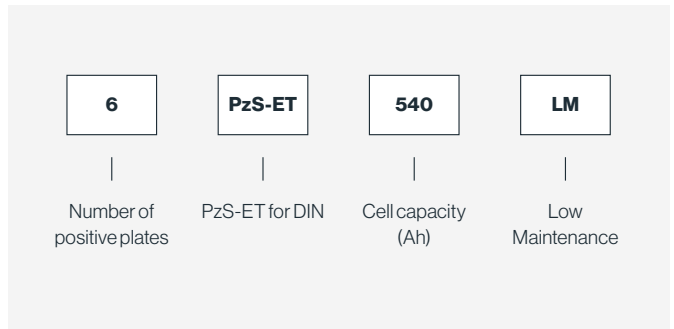
105 Ah Plate	H1 = 511.5 mm H2 = 541.5 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 210-LM	210	12.8	47
3 PzS-ET 315-LM	315	18.1	65
4 PzS-ET 420-LM	420	23.5	83
5 PzS-ET 525-LM	525	28.5	101
6 PzS-ET 630-LM	630	34.1	119
7 PzS-ET 735-LM	735	39.4	137
8 PzS-ET 840-LM	840	44.8	155
9 PzS-ET 945-LM	945	49.8	173
10 PzS-ET 1050-LM	1050	55.1	191

115 Ah Plate	H1 = 542.5 mm H2 = 572.5 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 230-LM	230	13.3	47
3 PzS-ET 345-LM	345	18.7	65
4 PzS-ET 460-LM	460	25.1	83
5 PzS-ET 575-LM	575	30.2	101
6 PzS-ET 690-LM	690	35.4	119
7 PzS-ET 805-LM	805	41.3	137
8 PzS-ET 920-LM	920	47.0	155
9 PzS-ET 1035-LM	1035	52.3	173
10 PzS-ET 1150-LM	1150	58.2	191

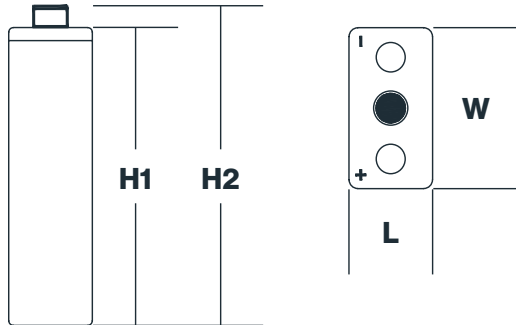
125 Ah Plate		H1 = 569 mm H2 = 599 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 250-LM	250	14.8	47
3 PzS-ET 375-LM	375	20.4	65
4 PzS-ET 500-LM	500	26.4	83
5 PzS-ET 625-LM	625	32.7	101
6 PzS-ET 750-LM	750	39.1	119
7 PzS-ET 875-LM	875	43.6	137
8 PzS-ET 1000-LM	1000	51.4	155
9 PzS-ET 1125-LM	1125	57.1	173
10 PzS-ET 1250-LM	1250	63.3	191

140 Ah Plate		H1 = 683.5 mm H2 = 713.5 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 280-LM	280	16.0	47
3 PzS-ET 420-LM	420	23.0	65
4 PzS-ET 560-LM	560	30.1	83
5 PzS-ET 700-LM	700	37.0	101
6 PzS-ET 840-LM	840	44.7	119
7 PzS-ET 980-LM	980	50.7	137
8 PzS-ET 1120-LM	1120	58.1	155
9 PzS-ET 1260-LM	1260	64.7	173
10 PzS-ET 1400-LM	1400	71.9	191

155 Ah Plate		H1 = 713.5 mm H2 = 743.5 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 310-LM	310	17.5	47
3 PzS-ET 465-LM	465	25.5	65
4 PzS-ET 620-LM	620	33.8	83
5 PzS-ET 775-LM	775	39.6	101
6 PzS-ET 930-LM	930	48.0	119
7 PzS-ET 1085-LM	1085	55.6	137
8 PzS-ET 1240-LM	1240	63.0	155
9 PzS-ET 1395-LM	1395	70.2	173
10 PzS-ET 1550-LM	1550	78.3	191



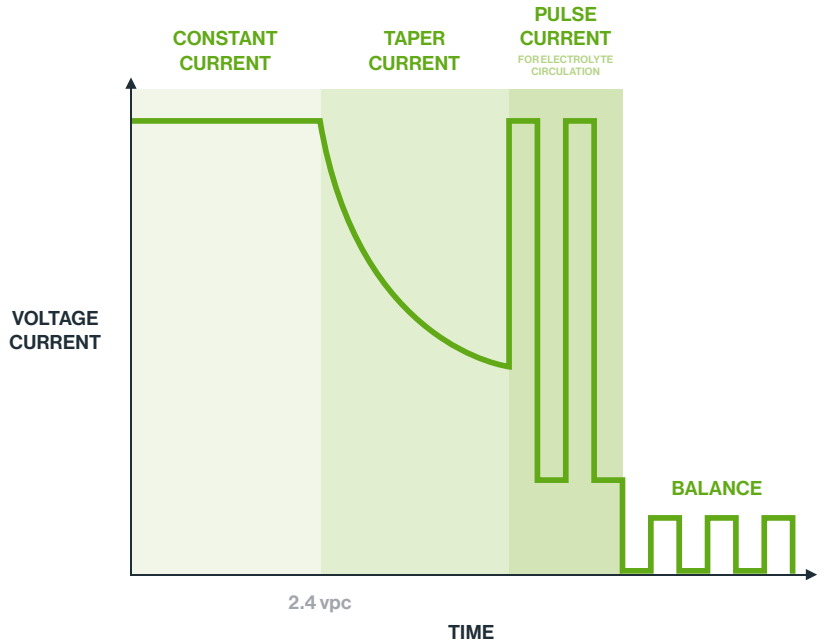
± 5% weight tolerance
H1: Height over lid
H2: Overall height including connector and bolt
Torque: 23Nm



Not to scale

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.



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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