

DIN Cells (Standard)

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.



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

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

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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

DIN Cells (Standard) - 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	100	6.0	47
3 PzS-ET 150	150	8.7	65
4 PzS-ET 200	200	11.1	83
5 PzS-ET 250	250	13.9	101
6 PzS-ET 300	300	16.4	119
7 PzS-ET 350	350	18.7	137
8 PzS-ET 400	400	21.1	155
9 PzS-ET 450	450	23.9	173
10 PzS-ET 500	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	120	8.3	47
3 PzS-ET 180	180	11.5	65
4 PzS-ET 240	240	15.0	83
5 PzS-ET 300	300	18.5	101
6 PzS-ET 360	360	22.3	119
7 PzS-ET 420	420	24.8	137
8 PzS-ET 480	480	28.7	155
9 PzS-ET 540	540	31.9	173
10 PzS-ET 600	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	160	9.7	47
3 PzS-ET 240	240	14.0	65
4 PzS-ET 320	320	18.2	83
5 PzS-ET 400	400	22.3	101
6 PzS-ET 480	480	26.3	119
7 PzS-ET 560	560	30.5	137
8 PzS-ET 640	640	34.9	155
9 PzS-ET 720	720	38.9	173
10 PzS-ET 800	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	180	11.1	47
3 PzS-ET 270	270	15.9	65
4 PzS-ET 360	360	20.5	83
5 PzS-ET 450	450	25.6	101
6 PzS-ET 540	540	30.1	119
7 PzS-ET 630	630	34.5	137
8 PzS-ET 720	720	39.0	155
9 PzS-ET 810	810	43.8	173
10 PzS-ET 900	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	210	12.8	47
3 PzS-ET 315	315	18.1	65
4 PzS-ET 420	420	23.5	83
5 PzS-ET 525	525	28.5	101
6 PzS-ET 630	630	34.1	119
7 PzS-ET 735	735	39.4	137
8 PzS-ET 840	840	44.8	155
9 PzS-ET 945	945	49.8	173
10 PzS-ET 1050	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	230	13.3	47
3 PzS-ET 345	345	18.7	65
4 PzS-ET 460	460	25.1	83
5 PzS-ET 575	575	30.2	101
6 PzS-ET 690	690	35.4	119
7 PzS-ET 805	805	41.3	137
8 PzS-ET 920	920	47.0	155
9 PzS-ET 1035	1035	52.3	173
10 PzS-ET 1150	1150	58.2	191

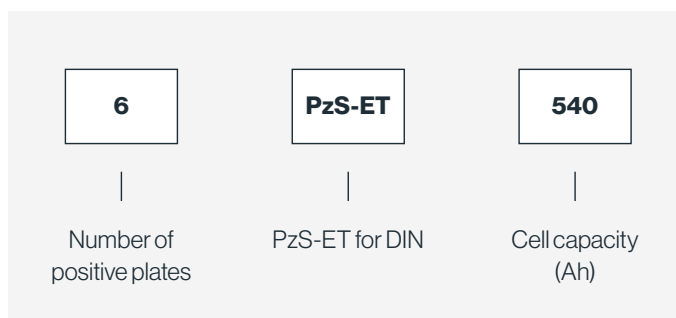
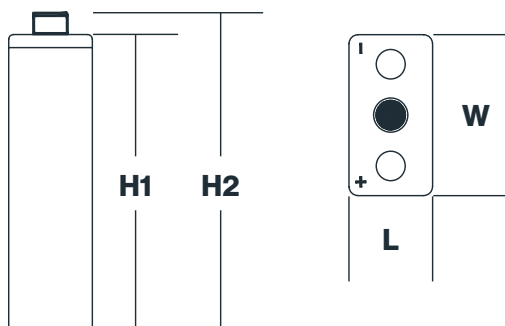
125 Ah Plate		H1 = 569 mm H2 = 599 mm	
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzS-ET 250	250	14.8	47
3 PzS-ET 375	375	20.4	65
4 PzS-ET 500	500	26.4	83
5 PzS-ET 625	625	32.7	101
6 PzS-ET 750	750	39.1	119
7 PzS-ET 875	875	43.6	137
8 PzS-ET 1000	1000	51.4	155
9 PzS-ET 1125	1125	57.1	173
10 PzS-ET 1250	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	280	16.0	47
3 PzS-ET 420	420	23.0	65
4 PzS-ET 560	560	30.1	83
5 PzS-ET 700	700	37.0	101
6 PzS-ET 840	840	44.7	119
7 PzS-ET 980	980	50.7	137
8 PzS-ET 1120	1120 <td>58.1</td> <td>155</td>	58.1	155
9 PzS-ET 1260	1260	64.7	173
10 PzS-ET 1400	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	310	17.5	47
3 PzS-ET 465	465	25.5	65
4 PzS-ET 620	620	33.8	83
5 PzS-ET 775	775	39.6	101
6 PzS-ET 930	930	48.0	119
7 PzS-ET 1085	1085	55.6	137
8 PzS-ET 1240	1240	63.0	155
9 PzS-ET 1395	1395	70.2	173
10 PzS-ET 1550	1550	78.3	191

± 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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