

PzV Cells

Bolted 198 and 158mm wide

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



Part of our Motive Power range

Features

Valve-regulated gas recombination batteries with tubular positive plate design and gel immobilised electrolyte

Maintenance free

Available in DIN & BS dimensions

Operating temperature -10°C to +45°C

Nominal capacities, for PzV 110Ah-1400Ah, for PzVB 122Ah-1020Ah

Cycle life > 1200 cycles at 60% D.O.D

Applications

Materials handling equipment

Cleaning equipment

Specifically for use in clean environments such as pharmaceutical, foods, chemical and retail outlets

Low temperature product storage facilities

Electric vehicles

Compliant with

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

PzV Cells (Standard)

Positive plate

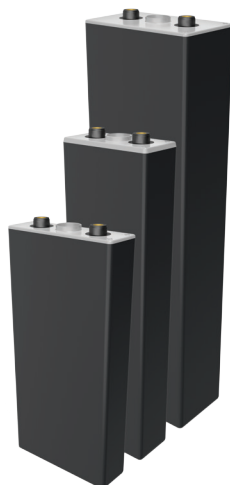
High energy density tubular positive plate

Electrolyte

Silica based gel electrolyte that is maintenance free

Sealing washer

Thermoplastic elastomer (TPE) sealing washer utilised for air-tight sealing of the terminal



Negative plate

Industry leading negative plate design

Gauntlet

Non-woven, high-capacity polyester gauntlet

Seperator

High porosity corrosion resistant and ensures maximum capacity

PzV DIN Product Range - 198mm wide Weight, Capacity and Dimension Charts

55 Ah Plate H1 = 341.5 mm H2 = 371.5 mm			
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzV-ET110	110	8.8	47
3 PzV-ET165	165	12.3	65
4 PzV-ET220	220	15.8	83
5 PzV-ET275	275	19.3	101
6 PzV-ET330	330	22.9	119
7 PzV-ET385	385	26.4	137
8 PzV-ET440	440	28.7	155
9 PzV-ET495	495	31.9	173
10 PzV-ET550	550	35.1	191

70 Ah Plate H1 = 404 mm H2 = 434 mm			
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzV-ET140	140	10.4	47
3 PzV-ET210	210	14.7	65
4 PzV-ET280	280	19.0	83
5 PzV-ET350	350	23.2	101
6 PzV-ET420	420	27.5	119
7 PzV-ET490	490	30.5	137
8 PzV-ET560	560	34.9	155
9 PzV-ET630	630	38.9	173
10 PzV-ET700	700	43.0	191

80 Ah Plate H1 = 458.5 mm H2 = 488.5 mm			
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzV-ET160	160	11.8	47
3 PzV-ET240	240	16.7	65
4 PzV-ET320	320	21.6	83
5 PzV-ET400	400	26.5	101
6 PzV-ET480	480	31.4	119
7 PzV-ET560	560	34.5	137
8 PzV-ET640	640	39.0	155
9 PzV-ET720	720	43.8	173
10 PzV-ET800	800	48.4	191

100 Ah Plate H1 = 554 mm H2 = 584 mm			
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzV-ET200	200	14.7	47
3 PzV-ET300	300	21.0	65
4 PzV-ET400	400	27.2	83
5 PzV-ET500	500	33.5	101
6 PzV-ET600	600	39.8	119
7 PzV-ET700	700	43.6	137
8 PzV-ET800	800	51.4	155
9 PzV-ET900	900	57.1	173
10 PzV-ET1000	1000	63.6	191

120 Ah Plate H1 = 671.5 mm H2 = 701.5 mm			
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzV-ET240	240	17.0	47
3 PzV-ET360	360	24.2	65
4 PzV-ET480	480	31.4	83
5 PzV-ET600	600	38.6	101
6 PzV-ET720	720	45.8	119
7 PzV-ET840	840	50.7	137
8 PzV-ET960	960	58.1	155
9 PzV-ET1080	1080	64.7	173
10 PzV-ET1200	1200	71.9	191

140 Ah Plate H1 = 713.5 mm H2 = 743.5 mm			
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzV-ET280	280	17.5	47
3 PzV-ET420	420	25.5	65
4 PzV-ET560	560	33.8	83
5 PzV-ET700	700	39.6	101
6 PzV-ET840	840	48.0	119
7 PzV-ET980	980	55.6	137
8 PzV-ET1120	1120	63.0	155
9 PzV-ET1260	1260	70.2	173
10 PzV-ET1400	1400	78.3	191

PzVB BS Product Range - 158mm wide Weight, Capacity and Dimension Charts

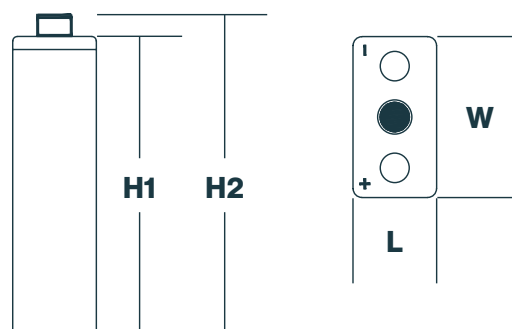
61 Ah Plate	H1 = 454 mm H2 = 484 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzVB-ET122	122	8.3	46
3 PzVB-ET183	183	11.9	62
4 PzVB-ET244	244	15.1	78
5 PzVB-ET305	305	18.5	94
6 PzVB-ET366	366	21.8	110
7 PzVB-ET427	427	25.3	126
8 PzVB-ET488	488	28.2	142
9 PzVB-ET549	549	32.0	158
10 PzVB-ET610	610	35.6	174
11 PzVB-ET671	671	39.1	190
12 PzVB-ET732	732	41.2	206

71 Ah Plate	H1 = 515 mm H2 = 545 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzVB-ET142	142	9.8	46
3 PzVB-ET213	213	13.7	62
4 PzVB-ET284	284	17.6	78
5 PzVB-ET355	355	21.7	94
6 PzVB-ET426	426	25.5	110
7 PzVB-ET497	497	29.3	126
8 PzVB-ET568	568	33.4	142
9 PzVB-ET639	639	37.3	158
10 PzVB-ET710	710	41.5	174
11 PzVB-ET781	781	43.5	190
12 PzVB-ET852	852	48.3	206

85 Ah Plate	H1 = 610.5mm H2 = 640.5 mm		
Cell type	Ah (C5)	Weight (kg)	Length (mm)
2 PzVB-ET170	170	11.4	46
3 PzVB-ET255	255	15.9	62
4 PzVB-ET340	340	20.7	78
5 PzVB-ET425	425	25.3	94
6 PzVB-ET510	510	29.6	110
7 PzVB-ET595	595	34.4	126
8 PzVB-ET680	680	39.3	142
9 PzVB-ET765	765	43.5	158
10 PzVB-ET850	850	48.7	174
11 PzVB-ET935	935	53.2	190
12 PzVB-ET1020	1020	57.5	206

± 5% weight tolerance
H1 = height over lid
H2 = overall height including connector and bolt
M10 threaded terminal
Torque: 23Nm

Not to scale



2	PzV-ET PzVB-ET	122
Number of positive plates	PzV-ET for DIN PzVB-ET for BS	Cell capacity (Ah)

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