

Mining Cells

Bolted 158mm wide

Eternity Technologies have brought together the latest manufacturing processes and modern design criteria to deliver the Eternity Technologies Mining range of Cells designed to meet the ever changing demands of the Global Motive Power market. Eternity Technologies Mining Low Maintenance Cells are designed to have minimal water loss resulting in extended watering periods and reduced routine maintenance.

M

Part of our Motive Power range

Features

Lead acid wet cell design with liquid electrolyte

Capacity for Mining product range 440-1060Ah

Tech power tube design helps to increase productivity while maximising performance

Modern tubular design increases the active lead internal and delivers optimum energy

The latest separator design delivers increased acid volume and increases acid production

Polyvalent terminals

Flame retardant container and lid

Double cell design for high discharge rates



Applications

Mining locomotives surface

Mining locomotives underground

Compliant with

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

Mining Cells

Positive plate

High-energy density tubule design with low antimony alloy for extended watering intervals.

Separator

Micro porous polyethylene separator design delivers increased acid volumes.

Sealing washer

Thermoplastic elastomer (TPE) sealing washer utilized 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 deluged active material preventing bottom-edge shorts.

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

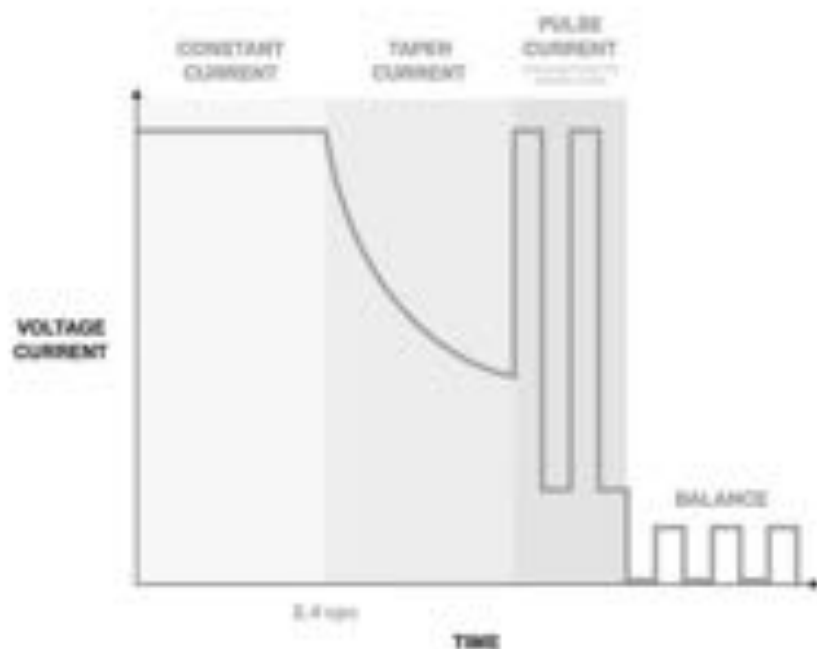
Cell Type	Ah (CR)	Weight (kg)	Length (mm)
8 PbM-ET 440	440	24.9	142
8 PbM-ET 495	495	28.3	158
10 PbM-ET 550	550	31.5	174
11 PbM-ET 605	605	34.0	190
12 PbM-ET 660	660	36.2	206
13 PbM-ET 715	715	39.9	221
14 PbM-ET 770	770	42.8	237

Cell Type	Ah (CR)	Weight (kg)	Length (mm)
8 PbM-ET 520	520	28.2	142
8 PbM-ET 585	585	32.0	158
10 PbM-ET 650	650	35.8	174
11 PbM-ET 715	715	38.9	190
12 PbM-ET 780	780	42.0	206
13 PbM-ET 845	845	45.8	221
14 PbM-ET 910	910	49.1	237

Cell Type	Ah (CR)	Weight (kg)	Length (mm)
8 PbS-ET 600	600	32.6	142
8 PbS-ET 675	675	36.2	158
10 PbS-ET 750	750	40.2	174
11 PbS-ET 825	825	43.5	190
12 PbS-ET 900	900	46.3	206
13 PbS-ET 975	975	51.9	221
14 PbS-ET 1050	1050	55.9	237

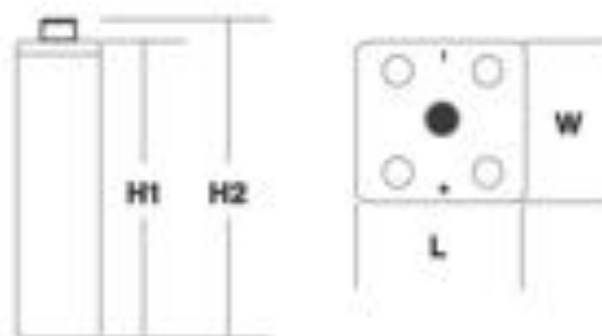
Low maintenance recharge profile

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



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

Not to scale



90

Number of positive plates

PzBM-ET

PzBM-ET for Mining

550

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



Elio Batteries



Chargers



Network Power



Motive Power



Eternity
TECHNOLOGIES

Eternity Technologies FZ-LLC
Al Jazeera / Al Hamra, PO Box 36102,
Ras Al Khaimah, UAE

Sales & service
info@eternitytechnologies.com

www.eternitytechnologies.com