RESERVE POWER

Eternity TECHNOLOGIES

ETB Range

VRLA Gel Front Terminal Battery

POWER FOR TOMORROW TODAY

VRLA Gel Front Terminal Battery

With an extensive product range available, Eternity Technologies prides itself on world-class product design, production processes, technical development, cost structure and global locations.

Using an innovative Gel-technology and maintenance free design, our valve regulated, lead-acid front terminal batteries are ideal for float and deep cycle applications.

Features...

- Valve regulated lead acid battery technology
- Maintenance free
- Capacity: 100-200Ah
- Deep Cycle Resilient
- Central degassing function available
- Shelf life of 2 years
- Operating temperature range -40°C to 50°C

Standards:

- EUROBAT 2015 classification: >12 years = very long life
- Design compliant with IEC 60896-21 / 22
- Underwriters Laboratories (UL) recognised component
- Manufactured in Eternity Technologies production facility certified to ISO 9001, ISO 14001 & ISO 45001
- Non-spillable battery approved for land, sea and air transportation in accordance with ADR / RID, IMDG & IATA

Applications:

UPS Systems

Utility

Telecommunications

Emergency Lighting

Railway

For I&O&M please visit www.eternitytechnologies.com

Technology

Positive & negative plate

Advanced flat plate technology using lead calcium tin alloy which ensures low self discharge rates and low float currents

Terminal

Specifically designed leak proof terminals to allow for different connector fixing positions.

Pressure release valve

The valve is designed to open at a specific pressure to ensure that hydrogen gas can be released safely. Central degassing function available

Container & Lid

Manufactured from Acrylonitrile-Butadiene-Styrene (ABS) which is durable and offers good resistance to heat and chemicals. UL94-V0 flame retardant option also available

Electrolyte

Silica-based-gel-form electrolyte that has no water loss and therefore maintenance free

Separator

High-porosity and corrosion-resistant ensures maximum capacity for the lifetime of the cell

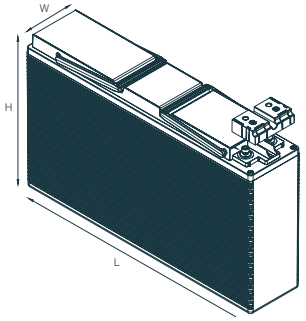
Specifications...

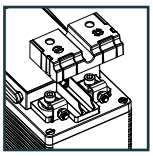
Type	Voltage	Capacity C10 @25°C	Length (mm)	Width (mm)	Height Container (mm)	Weight (kg)	Female Terminal	Front Terminal Adapter	Short Circuit Current (A)	Internal Resistance (Mohm)
ETB100FT	12	100	396	110	288	35	M8	M8	1474	8.20
ETB155FT	12	155	560	125	288	52	M8	M8	2285	5.50
ETB170FT	12	170	560	125	328	56.5	M8	M8	2506	4.85
ETB190FT	12	190	560	125	328	64.2	M8	M8	2800	4.30
ETB200FT	12	200	560	125	328	66.8	M8	M8	2948	4.10

± 5% weight tolerance

For standard ordering please use part number above.
Please add “A” after part number for product with front terminal adapters e.g. ETB200FTA
Please add “V0” after part number for UL-94 V0 rated flame-retardant plastic material, e.g. ETB200FTV0
Dependant on options required please add the relevant letter after the part number, e.g. ETB200FTV0A

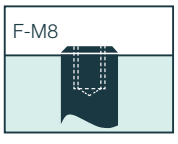
Outline Drawings



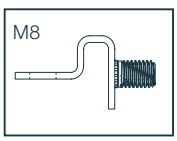


Front Terminal Adapters

Terminal Option

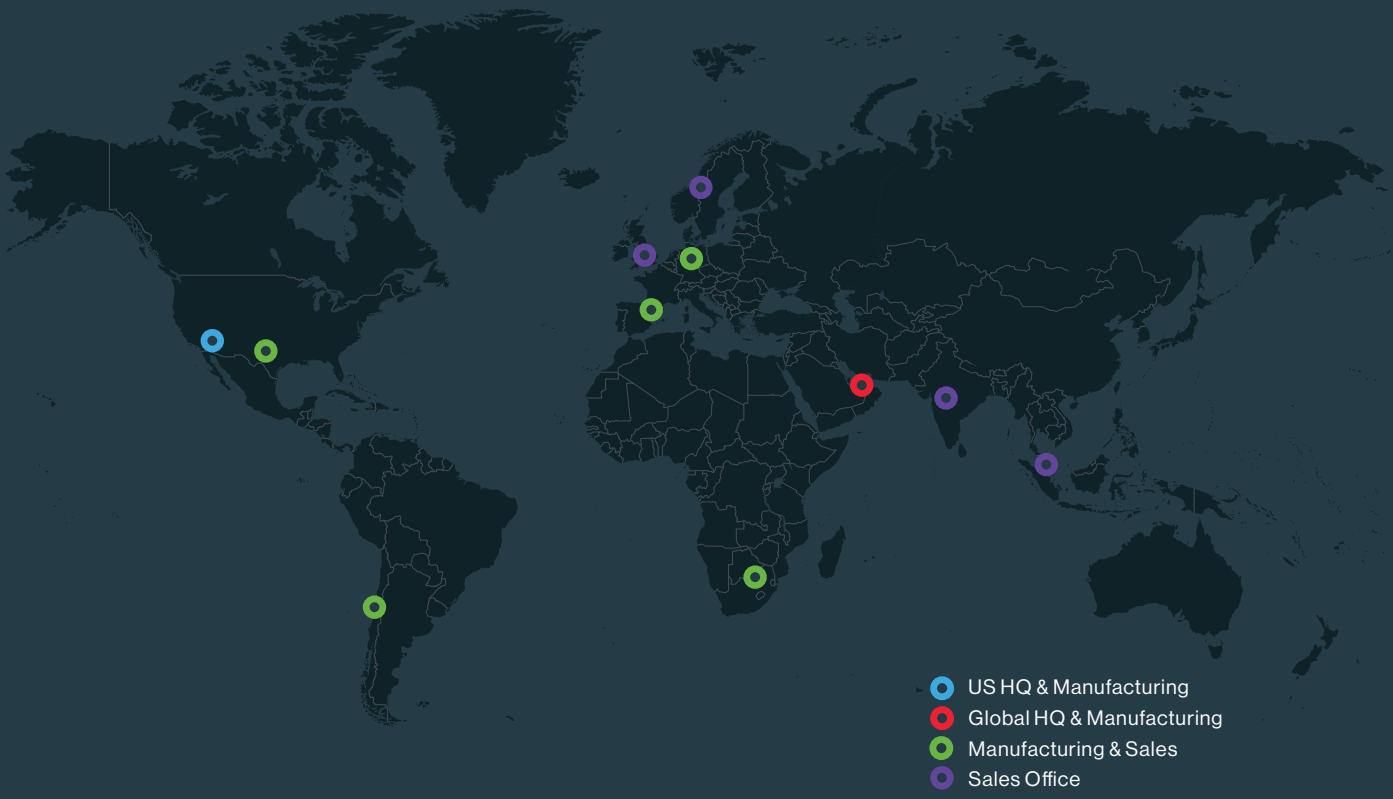


Torque: 8Nm



FT Adapter

A global leader in the industrial battery market providing world-class products for Motive Power, Reserve Power and Bloc Power applications.



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