

MOTIVE POWER



# Gel Semi-Traction

Deep Cycle Batteries

**POWER FOR TOMORROW TODAY**

## Gel Semi-Traction Bloc Battery

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

Eternity Technologies valve regulated lead-acid batteries for the light traction market. With an innovative Gel-technology and maintenance free design, Eternity Technology Gel Bloc batteries are compatible with all universal cyclic applications.

### Features of Motive Gel Semi-Traction Bloc Batteries...

Maintenance-free bloc batteries in Gel technology  
(no topping up during lifetime)

Good high current performance for extreme operating conditions

High-class patented safety valve

700 cycles (DIN EN 60254-1) (IEC 254-1)

Capacity: 45–240 Ah (C<sub>5</sub>)

Low self discharge rate allows for up to 2 years shelf life

Valve-regulated lead-acid battery

Recyclable

Long cycle life



**Compliant with** EN60254-1 & IEC254-1

### Applications...



Electric Vehicles



Wheelchairs



Cleaning Machines



Electric  
working platforms

Universal for multiple cyclic applications

**For I&O&M please visit [www.eternitytechnologies.com](http://www.eternitytechnologies.com)**



# Cell Specifications...

| Type          | Group Type | US Group Type | Voltage | Capacity Ah C <sub>5</sub> | Capacity Ah C <sub>20</sub> | Length (mm) | Width (mm) | Height (mm) | Weight (kg) | Terminal |
|---------------|------------|---------------|---------|----------------------------|-----------------------------|-------------|------------|-------------|-------------|----------|
| G06 06 180    | DIN        | -             | 6       | 184                        | 210                         | 242         | 186        | 274         | 32          | F-M8     |
| G06 06 180 3* | DIN        | -             | 6       | 184                        | 210                         | 242         | 186        | 274         | 32          | A-POLE   |
| G06 06 240    | DIN        | BCI 305       | 6       | 245                        | 280                         | 302         | 178        | 349         | 45          | F-M8     |
| G06 06 240 3  | DIN        | BCI 305       | 6       | 245                        | 280                         | 302         | 178        | 370         | 45          | A-POLE   |
| G06 12 045    | DIN        | BCI 34        | 12      | 46                         | 51                          | 254         | 168        | 177         | 18          | F-M6     |
| G06 12 052    | DIN        | BCI 34        | 12      | 54                         | 61                          | 254         | 168        | 177         | 21          | F-M6     |
| G06 12 066    | DIN        | BCI 24        | 12      | 71                         | 78                          | 254         | 168        | 204.5       | 25          | F-M6     |
| G06 12 076    | DIN        | BCI 31        | 12      | 85                         | 94                          | 329         | 170        | 207         | 32          | F-M8     |
| G06 12 076 3* | DIN        | BCI 31        | 12      | 85                         | 94                          | 329         | 170        | 229         | 32          | A-POLE   |
| G06 12 105    | DIN        | BCI 12        | 12      | 108                        | 123                         | 329         | 170        | 260         | 42          | F-M8     |
| G06 12 105 3* | DIN        | BCI 12        | 12      | 108                        | 123                         | 329         | 170        | 282         | 42          | A-POLE   |
| G06 12 110 3  | DIN        | DIN A         | 12      | 114                        | 127                         | 513         | 189        | 217         | 45          | A-POLE   |
| G06 12 130 3  | DIN        | DIN B         | 12      | 132                        | 159                         | 513         | 223        | 217         | 54          | A-POLE   |
| G06 12 170 3  | DIN        | DIN C         | 12      | 177                        | 212                         | 518         | 274        | 238         | 68          | A-POLE   |

\* Terminal is A-POLE adapter

± 5% weight tolerance

## Charging profile

- IU Charging**

I = min. 12% C<sub>5</sub> max. 18% C<sub>5</sub>  
U = 2.4 V per cell
- IUI Charging**

I<sub>1</sub> = min. 12% C<sub>5</sub> max. 18% C<sub>5</sub>  
U = 2.35 V per cell  
I<sub>2</sub> = 1.5 % C<sub>5</sub> for max. 4 hours

## Torque

F-M6



6Nm

F-M8



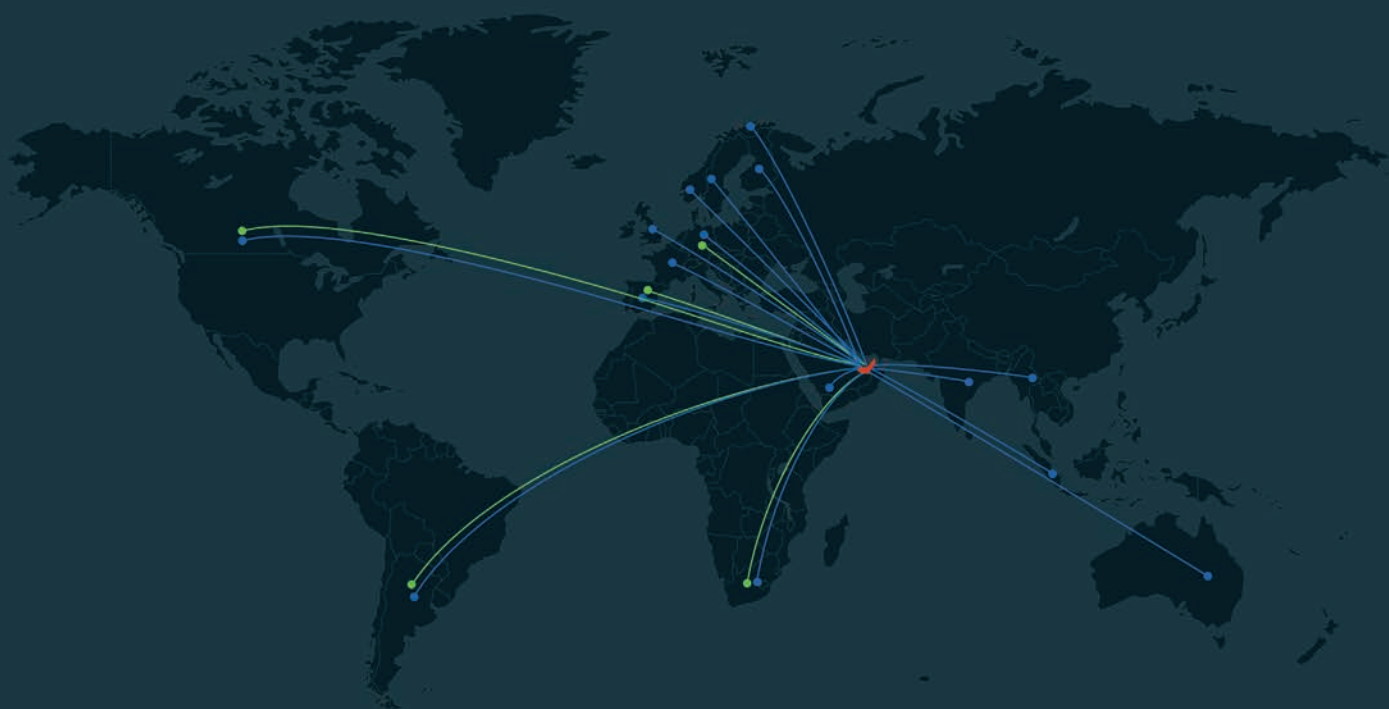
8Nm

A-Terminal



**A-Terminal available on all variants upon request.**  
**For A-Terminal height is an additional 20mm.**

**A global leader in the industrial battery  
market providing world-class products  
for Motive Power and Network Power  
applications.**



**Eternity Technologies FZ-LLC**

Al Jazeera / Al Hamra, PO Box 35102,  
Ras Al Khaimah, UAE

**Sales & service**

[info@eternitytechnologies.com](mailto:info@eternitytechnologies.com)

[www.eternitytechnologies.com](http://www.eternitytechnologies.com)

