

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: 45–290 Ah (C_{20})

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.ernitytechnologies.com



Bloc Specifications...

Type	Group Type	Voltage	Capacity Ah C ₅	Capacity Ah C ₂₀	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Terminal
G06 06 180	-	6	184	210	243	187	274	32	M8 / AP
G06 06 180 GC2	GC2	6	180	206	260	180	258	33	M8 / AP / DU / ST
G06 06 240	BCI305	6	245	280	302	178	346	45	M8 / AP / DU / ST
G06 06 290	L16	6	290	331	302	178	405	53	M10 / AP / DU / ST
G06 12 045	BCI34	12	46	54	254	168	177	18	M6 / AP / DU / ST
G06 12 052	BCI34	12	54	61	254	168	175	21	M6 / AP / DU / ST
G06 12 066	BCI24	12	71	80	254	168	202.5	25	M6 / AP / DU / ST
G06 12 078	BCI27	12	78	87	307	168	211	32	M8 / AP / DU / ST
G06 12 085	BCI31	12	85	94	329	170	205	32	M8 / AP / DU / ST
G06 12 105	BCI12 / 5SHP	12	108	123	329	170	258	42	M8 / AP / DU / ST
G06 12 110	DINA	12	114	127	513	189	196	45	A-POLE
G06 12 130	DINB	12	132	159	513	223	196	54	M8 / AP / DU / ST
G06 12 130*	BCI4D	12	132	159	513	223	196	54	M8 / AP / DU / ST
G06 12 170	DIN C	12	177	212	518	274	215	68	M8 / AP / DU / ST
G06 12 170*	BCI8D	12	177	212	518	274	215	68	M8 / AP / DU / ST

* Reverse polarity

± 5% weight tolerance

Charging profile

IU Charging I = min. 12% C₅ max. 18% C₅
U = 2.4 V per cell

IUI Charging I₁ = min. 12% C₅ max. 18% C₅
U = 2.35 V per cell
I₂ = 1.5 % C₅ for max. 4 hours

Torque



Torque: 6Nm



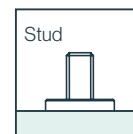
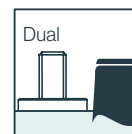
Torque: 8Nm



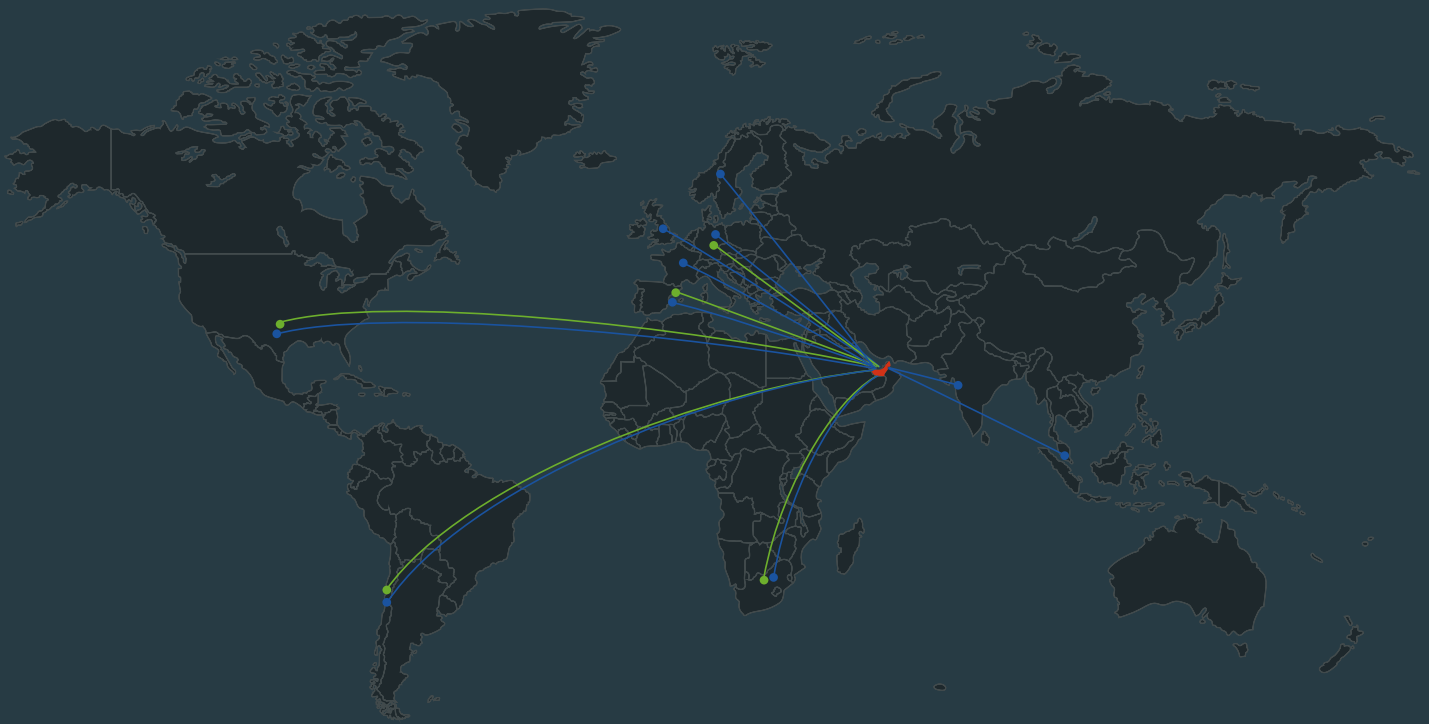
Torque: 16Nm



Height is an additional 20mm for A-Terminal, Dual & Stud



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

www.eternitytechnologies.com

