

# GEL CELL TRACTION BATTERY TECHNOLOGY

## Benefits and features

- Delivers good runtime at high operating voltages in tough industrial applications
- Traction heavy duty grid design (PbCaSn) gives consistent active material adhesion and corrosion resistance
- Valve Regulated Lead Acid (VRLA) battery - no topping up required
- Maintenance-free
- Low self-discharge rate
- Recyclable



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Discover products are available from our Factory Warehouse distribution centers worldwide.

In partnership with world leading Original Equipment Manufacturers, Discover has become one of the largest Traction solutions provider in the marketplace.

To learn more visit [discoverbattery.com](http://discoverbattery.com)

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## Certifications

Discover and its facilities and products are certified to multiple standards:

- ISO, UL, QS, and TUV standards
- ETTS Germany
- Euro Bat classification for Environmental Stewardship Standards
- Not restricted for transport:
  - Air (IATA/ICAO - provision 67)
  - Surface (DOT-CFR-HMR49)
  - Water (IMDG amendment 27)



ISO 14001  
DIN ISO 9001/QS9000

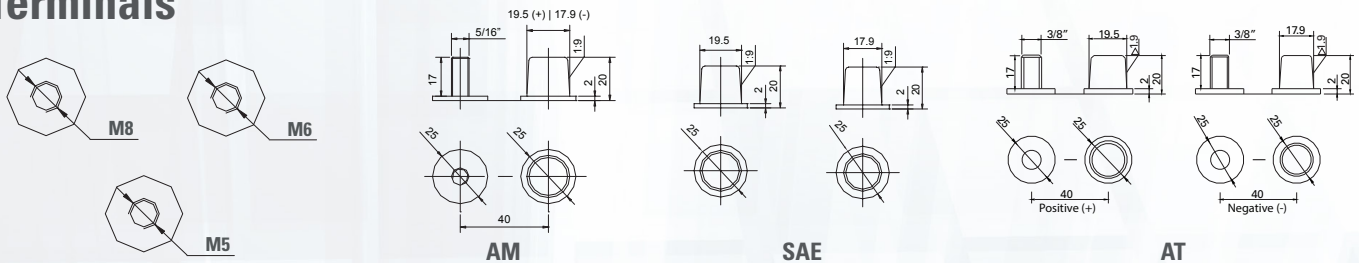
**Discover**<sup>®</sup>  
Innovative Battery Solutions

# Building excellence in every detail

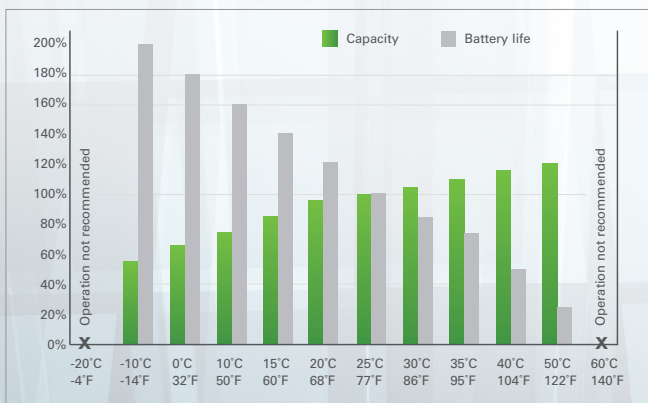
TYPE NO.	VOLTS	CAPACITY		LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)*	WEIGHT (KG)	TERMINAL (OPTIONAL)
		20 HR	5 HR					
EV506G-170	6	196	167	260	180	256	29	M8 (AM)
EV506G-180	6	205	180	244	189	271	31	M8 (SAE)
EV506G-250	6	285	250	293	180	345	45	M8 (AM)
EV506G-290	6	330	290	295	180	412	55	M8
EV512G-020	12	24	20	166	175	125	9.2	M5
EV512G-028	12	33	28	195	130	168	10.4	M6
EV512G-034	12	40	34	197	165	170	13.5	M6
EV512G-044	12	55	45	229	138	212	17.7	M6
EV512G-050	12	61	50	258	167	198	28.8	M6 (SAE)
EV512G-063	12	73	63	258	172	216	23	M6 (M8, AM)
EV512G-072	12	88	72	308	172	232	27	M8 (AM)
EV512G-076	12	86	76	330	172	231	29	M8 (AM)
EV512G-080	12	90	80	330	172	231	29	M8 (AM)
EV512G-103	12	115	103	327	180	266	36	M8 (AM)
EV512G-155	12	185	155	517	225	242	72	AT
EV512G-190	12	225	190	522	275	242	58	AT

\* Height from the bottom of the battery to the highest point of the battery.

## Terminals



## TEMPERATURE EFFECTS ON CAPACITY



## CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE (25°C)

