EV512G-063

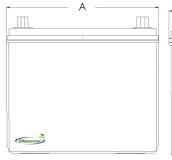
DATA SHEET

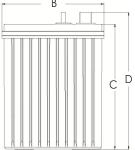


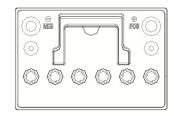
EV Traction Gel Industrial Battery Block

Discover® EV Traction GEL Batteries provide superior integrity and reliability. The maintenance-free, thick plate construction, designed to deliver excellent cycle life and very good run times at high operating voltages in tough industrial use with regular discharges, makes the EV Gel Series an excellent choice for robust industrial applications.

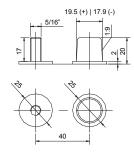
Mechanical Drawings







Terminal (AM)



Optional Terminal (M8)



Mechanical Specifications					
Industry Reference	24				
Length (A)	10.2 in	258 mm			
Width (B)	6.8 in	172 mm			
Height (C)	8.1 in	206 mm			
Total Height (D)	8.9 in	226 mm			
Weight	50.6 lbs 23 kgs				
Terminal (Opt'I)*	AM (M8)				
Cells	6 cell				
Electrolyte	Gel				

Electrical Specifications				
Volts	12 V			
80% DOD Voltage Cutoff	11.8V			
RINT	-			
Short Circuit (-68°F 20°C)	-			
Self Discharge	3% per month (77°F / 25°C)			
Charging	-20°C (-4°F) 60°C (140°F)			
Discharge	-10°C (14°F) 60°C (140°F)			
Storage	-20°C (-4°F) 60°C (140°F)			

*TERMINAL TORQUE: Please refer to our document, located in the Resources webpage (www.discover-energy.com/resources/)

Benefits & Features

Maintenance-Free Clean & Green® choice of Original Equipment Manufacturers.

Traction heavy duty grid design (PbCaSn) gives consistent active material adhesion and corrosion resistance.

High impact reinforced copolymer and polypropylene cases with flat top designs.

A recognized gas recombination efficiency of greater than 99.9%.

Multiple terminal, configuration options and carrying handles available with most models.

Classified as a non-spillable battery and is not restricted for transportation by:

- Air (IATA/ICAO provision 67)
- Surface (DOT-CFR-HMR49)
- Water (per IMDG amendment 27)

with sensitive equipment.

Comprehensive design to conserve resources, improve safety and reduce waste. 98% recyclable.

Certified Quality

Designed in accordance with and published in compliance with applicable BCI, IEC and BS EN standards, including:

- IEC60896-21/22
- BS EN 60254-1:2005 AS/NZS 4029.2.2000 BS EN 60254-1:2005 (MOD)

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















Electrical Specifications

Amp Hours (AH)				Minutes of Discharge						
100 HR	20 HR	10 HR	5 HR	3 HR	1 HR	@25A	@56A	@75A	@85A	@100A
83	73	67	63	53	42	110	37	21	18	15

Max Charge Discharge Currents	Peak (5 seconds)	Peak (10 seconds)	Max Continuous	Recommended Max Continuous
Charge	1C10Hr	0.75C10Hr	0.5C10Hr	0.3C10Hr
Discharge	2C10Hr	1.5C10Hr	1C10Hr	0.5C10Hr

Contact Us



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