



# MATERIAL HANDLING

Discover® batteries keep warehouses and distribution centers working efficiently and designed to last longer with high impact cases for heavy machinery. Available in a wide selection of sizes and footprints, you can depend on Discover® batteries to power your workplace applications and power system needs.

## **Traction**

- Excellent run time and cycle life
- Traction heavy duty grid design gives consistent active material adhesion and corrosion resistance

## **Advanced Energy Systems (AES)**

- High-performance design with our robust lithium iron phosphate technology
- Maintenance-free

**Discover**®  
Innovative Battery Solutions

Material Handling Application Guide

# PRODUCT RANGE

TYPE NO.	VOLTS	NOMINAL CAPACITY				MECHANICAL CHARACTERISTICS <sup>C</sup>								
		AMP HOURS				LENGTH		WIDTH		HEIGHT <sup>D</sup>		WEIGHT <sup>E</sup>		TERMINAL (OPTIONAL)
		20HR <sup>A</sup>	10HR <sup>B</sup>	5HR <sup>B</sup>	3HR <sup>B</sup>	IN	MM	IN	MM	IN	MM	LB	KG	
<b>DRY CELL TRACTION*</b>														
EVGT6A-A	6	260	240	222	200	10.2	260	7.1	180	10.9	278	79	36	M8 (AM)
EVGC6A-A*	6	220	200	190	170	10.2	260	7.1	180	10.8	274	66	30	AM (M8)
EV627A-A	6	210	200	180	165	12.0	306	6.6	168	8.9	225	63	29	M8
EV34A-A	12	65	60	55	48	10.2	258	6.6	167	7.8	198	43	20	SAE (M6)
EV24A-A*	12	85	78	72	66	10.2	258	6.8	172	9.3	235	53	24	AM (M8)
EVGT12A-A	12	120	110	95	86	10.2	260	7.1	180	11.8	300	77	35	M8 (AM)
EV31A-A*	12	115	110	96	88	13.0	330	6.8	172	9.3	236	72	33	AM (M8)
EV12A-A*	12	140	130	120	108	12.9	327	7.1	180	10.8	274	87	40	AM (M8)
EV4DA-A*	12	235	220	200	175	20.6	524	8.9	225	9.5	242	138	63	AT
EV8DA-A*	12	280	260	240	215	20.6	522	10.8	275	9.5	242	172	78	AT
<b>GEL CELL TRACTION</b>														
EV506G-170	6	196	176	167	150	10.2	260	7.1	180	10.1	256	64	29	M8
EV506G-180	6	205	188	180	154	9.6	244	7.4	189	10.7	271	68	31	M8
EV506G-250	6	285	270	250	230	11.5	293	7.1	180	13.6	345	99	45	M8
EV512G-063	12	73	67	63	53	10.2	258	6.8	172	8.5	216	51	23	M8
EV512G-080	12	90	85	80	66	13.0	330	6.8	172	9.1	231	64	29	M8
EV512G-103	12	115	110	103	90	12.9	327	7.1	180	10.8	274	79	36	M8
<b>ADVANCED ENERGY SYSTEMS</b>														
15-24-1000	24	40	40	40	40	10.2	258	6.6	167	7.8	198	27	12	A2-M6
14-24-2800	24	110	110	110	110	13.3	338.5	13.0	329.5	10.8	276	88	40	M8

\* Lower capacity models (A-B) available upon request.

- A** The number of amp hours (AH) a battery can deliver when discharged at a constant rate to 1.75vpc at 27°C. Capacities are based on peak performance.
- B** The nominal capacity in amperes (AH - Amp Hours) or discharge time in minutes provided when discharged at a constant rate. Ratings are tested to and based on industry prescribed guidelines.
- C** Mechanical characteristics may vary depending upon terminal types and handles used, and are subject to change without notice. Please verify.
- D** Height from the bottom of the battery to the highest point with standard terminal option. May vary depending on actual terminal type.
- E** Weights are approx.