

# Battery Charge Algorithms

740-0007 R3

\* - Temperature compensated algorithm: charger temperature sensor must be connected

**\*\* CAUTION:** Use of charge algorithms with batteries they were not designed for is done at your own risk. Delta-Q is continuously testing and updating charge algorithms with various batteries. Though many algorithms will work with a range of batteries, variations in manufacturing, chemical composition, health, and other properties may cause unacceptable charging performance. Always closely monitor a suggested battery/algorithm combination for at least three cycles to ensure the batteries are being properly charged. If you are not sure of how to monitor a battery charge, contact Delta-Q Technical Support for advice.  
This document is only for the use of Authorized OEMs and Distributors. Use by any other parties may void the battery and/or charger warranty.

ID	Algorithm Description	Ah	Type	Designed For	May Be Compatible With**
1*	Trojan Flooded	225	Flooded	Trojan T105	150 - 260Ah 6V, 8V, 12V flooded golf
3	Trojan Constant Power dv/dt	225	Flooded	Trojan T105	150 - 260Ah 6V, 8V, 12V flooded golf
5*	Trojan Group 31 Flooded	130	Flooded	Trojan 30XHS, 31XHS	85 - 150Ah 12V flooded "marine" Exide Orbital AGMs, Optima AGMs
6*	Deka 8G31 Gel	100	Gel	Deka 8G31	Deka 98 - 120Ah gel
7	Trojan 305 Constant Power dv/dt	305	Flooded	Trojan L16	Trojan J305
8*	Concorde 100Ah AGM	100	AGM	Concorde 104Ah AGM	Concorde 80-150Ah AGM
11	200 - 255Ah Flooded Constant Power dv/dt	230	Flooded	US Battery US125	200 - 255Ah flooded golf
12*	Exide Gel	240	Gel	Exide DF06240	200 - 300Ah gel
21*	Exide Flooded	210	Flooded	Exide 3ET200, FF06255, 185PZB210	
26*	Deka 8GGC2 Gel	180	Gel	Deka 8GGC2	Deka 150 - 230Ah gel
35*	Concorde 200Ah AGM	200	AGM	Concorde 233Ah AGM	Concorde 200 - 255Ah AGM
38*	Trojan 12V Golf 113%	150	Flooded	Trojan T1275	120 - 170Ah 8V, 12V flooded golf
42*	Discover 80 - 150Ah AGM	100	AGM	Discover EV31A	other 80 - 150Ah AGM
43*	Discover 200 - 400Ah AGM	300	AGM	Discover EVL16A, EVGC6A, EV185A	
51*	Exide 180Ah Gel	180	Gel	Sonnenschein 180Ah Gel	150 - 200Ah gel
52*	Exide 105Ah Gel	105	Gel	Sonnenschein 105Ah Gel	80 - 130Ah gel
53	Saphion Lilon XP		Lilon	Valence Saphion Lilon UT/XP	see Valence Application List
62	Trojan Group 31 Flooded dv/dt	130	Flooded	Trojan 30XHS, 31XHS	85 - 150Ah 12V flooded "marine"
71	140 - 200Ah Flooded Constant Power dv/dt	170	Flooded	US Battery 8V-GC	140 - 200Ah Flooded
72	250 - 335Ah Flooded Constant Power dv/dt	305	Flooded	US Battery US-305HC	250 - 320Ah Flooded
73	400Ah Flooded Constant Power dv/dt	415	Flooded	US Battery L-16HC	330 - 425Ah Flooded
93	Trojan 12V Golf	150	Flooded	Trojan T1275	120 - 170Ah 8V, 12V flooded golf
125*	Fullriver 160-220Ah AGM	180	AGM	Fullriver DC180-6, DC224-6	Fullriver 160 - 220Ah AGM
126*	Fullriver 85-145Ah AGM	110	AGM	Fullriver DC115-12	Fullriver 85 - 145Ah AGM
141*	Fullriver 300-370Ah AGM	335	AGM	Fullriver DC335-6	Fullriver 300 - 370Ah AGM
151*	Fullriver 220-290Ah AGM	250	AGM	Fullriver DC250-6	Fullriver 220 - 290Ah AGM

