ST. GEORGE ENERGY

BLACK DIAMOND

FERRO RESONANT CHARGE SYSTEM



PRODUCT INTRO

GECI Black Diamond™ Fully Automatic Control Flux Chargers are designed to eliminate power dissipation and utilize a maximum productivity transformer to keep your fleet up and running efficiently.

CALIFORNIA ENERGY COMMISSION COMPLIANT BC

Fully Automatic	Auto Start & Stop	Fully Digital Display Charger	Manual & Auto Equalize Options
Auto Refresh	Diagnostics Display	Automatic Data Saving	10ft Standard Cable
Push Button Recall	Full Technical Support	Control Board Fits All Models	Tough Coat Finish
Short Circuit and Overload Protection	Re-enforced Corners Allow for Stacking	Adjustable Gassing Points from 2.35-2.50	Elapsed Time & Elapsed Time Memory

GECI Black Diamond™ Charger - Single Phase

DC Volt / Current DC	Model Number	Case Size	Wt. (lbs)	Recharge Range 8 hours 18% start rate	Amp Draw 208/240/480
24 VOLT					
24/100	12BD-0550-B1	T9	71	450-550	19 / 17 / 8
24/120	12BD-0700-B1	T9	96	550-700	23 / 20 / 10
24/140	12BD-0800-B1	T9	112	700-800	27 / 23 / 12
24/160	12BD-0925-B1	T9	120	800-925	30 / 26 / 13
24/180	12BD-1000-B1	T9	108	925-1000	32 / 29 / 14
36 VOLT					
36/100	18BD-0550-B1	T9	98	450-550	29 / 25 / 12
36/120	18BD-0700-B1	T9	106	550-700	34 / 30 / 15
36/140	18BD-0800-B1	T9	115	700-800	40 / 35 / 17
36/160	18BD-0925-B1	T9	152	800-925	46 / 40 / 20
36/180	18BD-1000-B1	T9	156	925-1000	49 / 43 / 22
48 VOLT					
48/100	24BD-0550-B1	T9	155	450-550	38 / 33 / 17
48/120	24BD-0700-B1	T9	158	550-700	46 / 40 / 20
48/140	24BD-0800-B1	T9	158	700-800	53 / 46 / 23
48/160	24BD-0925-B1	T9	162	800-925	58 / 50 / 25
48/180	24BD-1000-B1	T9	168	925-1000	65 / 57 / 29

T9 Case Size:
19.84" W x 12.48" D x 31.10" H

GECI Black Diamond™ Charger - Three Phase

DC Volt / Current DC	Model Number	Case Size	Wt. (lbs)	Recharge Range 8 hours 18% start rate	Amp Draw 208/240/480
24 VOLT					
24/100	12BD-0550-C3	T9	110	450-550	11 / 10 / 5
24/120	12BD-0700-C3	T9	116	550-700	13 / 11 / 6
24/140	12BD-0800-C3	T9	133	700-800	15 / 13 / 7
24/160	12BD-0925-C3	T9	148	800-925	18 / 15 / 8
24/180	12BD-1000-C3	T9	155	925-1000	20 / 17 / 9
24/200	12BD-1100-C3	T9	162	1000-1100	22 / 19 / 10
24/220	12BD-1200-C3	T9	170	1100-1200	24 / 21 / 11
36 VOLT					
36/100	18BD-0550-C3	T9	148	450-550	17 / 14 / 7
36/120	18BD-0700-C3	T9	155	550-700	20 / 17 / 9
36/140	18BD-0800-C3	T9	166	700-800	23 / 20 / 10
36/160	18BD-0925-C3	T9	170	800-925	26 / 23 / 11
36/180	18BD-1000-C3	T9	175	925-1000	30 / 26 / 13
36/200	18BD-1100-C3	T9	193	1000-1100	33 / 29 / 14
36/220	18BD-1200-C3	T9	218	1100-1200	36 / 31 / 16
36/240	18BD-1300-C3	TL	267	1200-1300	40 / 34 / 17
36/260	18BD-1450-C3	TL	293	1300-1450	43 / 37 / 19
48 VOLT					
48/80	24BD-0450-C3	T9	144	350-450	18 / 15 / 8
48/100	24BD-0550-C3	T9	148	450-550	22 / 19 / 10
48/120	24BD-0700-C3	T9	170	550-700	26 / 23 / 11
48/140	24BD-0800-C3	T9	194	700-800	31 / 27 / 13
48/160	24BD-0925-C3	T9	205	800-925	35 / 31 / 15
48/180	24BD-1000-C3	T9	225	925-1000	40 / 34 / 17
48/200	24BD-1100-C3	T9	234	1000-1100	44 / 38 / 19
72 VOLT					
72/100	36BD-0550-C3	T9	193	450-550	32 / 28 / 14
72/120	36BD-0700-C3	T9	225	550-700	38 / 33 / 17
80 VOLT					
80/100	40BD-0550-C3	T9	218	450-550	35 / 31 / 15
80/120	40BD-0700-C3	T9	243	550-700	42 / 37 / 18
80/140	40BD-0800-C3	TL	267	700-800	53 / 46 / 23
80/160	40BD-0925-C3	TL	279	925-1000	56 / 49 / 25

T9 Case Size:
19.84" W x 12.48" D x 31.10" H

TL Case Size:
19"L x 20.9"W x 36.6"H