



FERRORESONANT CHARGE System™



**SIMPLY
DEPENDABLE**
Tried and True Charger
Technology

**Maximize Battery
Performance and
Life**
Efficient charge solutions for
all your motive power needs

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.



GREEN ENERGY CONCEPTS, INC
-Powering The Future-

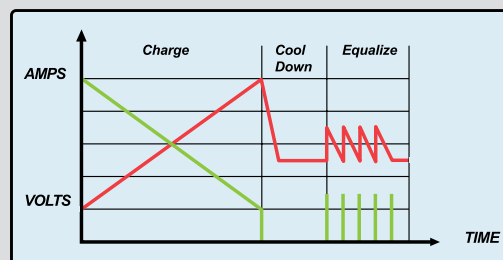
GECI Black Diamond™ Charger Gang Units - Three Phase

DC Volt Current	Model Number	Description	Case Size	Popular Batteries	Recharge Range	AC Amp Draw 208/240/480
24-100	12BD-0550-C3-4	24 Volt, 550 Amp Hour	24.00"W x 26.50"D x 55.00"H	12-85-13; 12-125-9	450 - 550	44/40/20
24-120	12BD-0700-C3-4	24 Volt, 700 Amp Hour	24.00"W x 26.50"D x 55.00"H	12-85-15; 12-100-15; 12-140-11	550 - 700	52/48/24
24-140	12BD-0800-C3-4	24 Volt, 800 Amp Hour	24.00"W x 26.50"D x 55.00"H	12-125-13; 12-100-17; 12-85-19;	700 - 800	60/56/28
24-160	12BD-0925-C3-4	24 Volt, 925 Amp Hour	24.00"W x 26.50"D x 55.00"H	12-125-15; 12-85-21	800 - 925	70/64/32
36-120	18BD-0700-C3-4	36 Volt, 700 Amp Hour	31.50"W x 31.50"D x 55.00"H	18-85-15; 18-85-17; 18-125-11	550 - 700	80/72/36
36-140	18BD-0800-C3-4	36 Volt, 800 Amp Hour	31.50"W x 31.50"D x 55.00"H	18-85-19; 18-125-13	700 - 800	92/80/40
36-160	18BD-0925-C3-4	36 Volt, 925 Amp Hour	31.50"W x 31.50"D x 55.00"H	18-85-21; 18-125-15	925 - 1000	94/88/44
36-180	18BD-1000-C3-4	36 Volt, 1000 Amp Hour	31.50"W x 31.50"D x 55.00"H	18-85-23; 18-125-17	1000 - 1100	120/104/52
36-220	18BD-1200-C3-4	36 Volt, 1200 Amp Hour	31.50"W x 31.50"D x 55.00"H	18-85-27; 18-125-19	1100 - 1200	144/128/64

Note: The recommended rate meets or exceeds 100% charge rate. Use the recharge range column to choose your model number of the charger required. The model number is the maximum size charger for the current output.

FEATURES

- 4 chargers per 1 AC connection
- Floor Space Efficiency Increased by 75%
- Fully Automatic; Auto Start & Stop
- Manual & Auto Equalize
- Auto Refresh; Automatic Data Saving
- Diagnostics Display
- Push Button Recall
- Full Technical Support
- Control Board Fits All Models
- Tough Coat Finish
- Short Circuit, Overload Protection
- Re-enforced Corners Allow for Stacking
- Adjustable Gassing Points from 2.35-2.45
- Elapsed Time & Elapsed Time Memory



The consistently dependable GECI Control Flux Chargers have a maximum productivity transformer, that has no resonant windings or parts that dissipate power, and the rectifier operates in full wave mode, eliminating power dissipation and unwanted harmonic distortion. In three phase units, efficiencies are around 88%, and power factor is around 0.90. The taper curve is controlled until the current goes down to a specific value, at the finishing rate.

4646 Technology Drive
Salem, VA 24153
P: 877-914-8999
F: 540-982-4287

5801 Trade Center Court
Villa Rica, GA 30180
P: 877-812-4309
F: 404-349-9878



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geciproducts.net

