



Green Diamond™

Multi-Frequency Opportunity Charger



THE TECHNOLOGY LEADER

You've never seen technology like this before

REDUCE POWER CONSUMPTION

Superior power efficiency

LOWER GREENHOUSE GAS (CO₂) EMISSIONS

Reduce your carbon footprint with advanced technology



California Energy Commission Compliant

GECI Green Diamond™ Chargers reduce power draw up to 43% by operating at the point of near maximum power factor (unity) during the entire charge cycle.

GECI
GREEN ENERGY
CONCEPTS, INC





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Multi-Frequency Opportunity Charger



REDUCE POWER CONSUMPTION

LOWER GREENHOUSE GAS (CO₂) EMISSIONS



FEATURES

- Reduces power draws up to 43%
- Superior electrical efficiency
- Operates at near maximum power factor (unity) during entire charge cycle
- Wrong battery voltage detection
- Automatic maintenance/refresh cycle
- Comprehensive Diamond web-based management and communication system
- Programmable start and delay by time of day
- Data storage capabilities
- Real-time clock
- Anti-Arching
- Automatic equalize
- Low output current ripple
- Alphanumeric LCD display
- CE certified, CSA/UL listed
- California Energy Commission Compliant



GECI Green Diamond™ Charger - Single Phase					
DC volt Current	Model Number	Case Size	Popular Batteries	Recharge Range 8 hours 18% Start Rate	Amp Draw 208/240/480
24-100	12GD-0550-B1	A	12-85-13	450-550	14 / 12 / 6
24-120	12GD-0700-B1	A	12-85-15	550-700	17 / 15 / 7
24-140	12GD-0800-B1	A	12-125-13	700-800	20 / 17 / 9
24-160	12GD-0925-B1	A	12-125-15	800-925	23 / 20 / 10
36-100	18GD-0550-B1	A	18-125-9 18-85-13	450-550	21 / 18 / 9
36-120	18GD-0700-B1	A	18-85-15 18-85-17 18-125-11	550-700	26 / 22 / 11
36-140	18GD-0800-B1	A	18-85-19 18-125-13	700-800	30 / 26 / 13
36-160	18GD-0925-B1	A	18-85-21 18-125-15	800-925	34 / 30 / 15
48-60	24GD-0350-B1	A	24-85-9	275-350	17 / 15 / 7
48-80	24GD-0450-B1	A	24-85-11	350-450	23 / 20 / 10
48-100	24GD-0550-B1	A	24-85-13 24-125-9	450-550	28 / 25 / 12
48-120	24GD-0700-B1	A	24-85-15 24-85-17 24-125-11	550-700	34 / 30 / 15
48-140	24GD-0800-B1	A	24-85-19 24-125-13	700-800	40 / 35 / 17

Case Sizes Width x Depth x Height:

A: 19.69" w x 14.17" d x 27.56" h

B: 19.69" w x 17.72" d x 35.43" h

For Opportunity Chargers, add the designation OPP at the end of the Part Number.

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.

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GECI Green Diamond™ Charger - 3 Phase

DC volt Current	Part Number	Case Size	Popular Batteries	Recharge Range 8 hours 18% Start Rate	Amp Draw 208/240/480	Opportunity Charger
24-040	12GD-0220-C3	A	12-85-5	0 220	3 / 3 / 1	
24-060	12GD-0350-C3	A	12-85-7	220-350	5 / 4 / 2	12GD-0350-C30PP
24-080	12GD-0450-C3	A	12-85-11	350-450	6 / 6 / 3	12GD-0700-C30PP
24-100	12GD-0550-C3	A	12-85-13	450-550	8 / 7 / 4	12GD-800-C30PP
24-120	12GD-0700-C3	A	12-85-15	550-700	10 / 8 / 4	12GD-1000-C30PP
24-140	12GD-0800-C3	A	12-125-13	700-800	11 / 10 / 5	12GD-1100-C30PP
24-160	12GD-0925-C3	A	12-125-15	800-925	13 / 11 / 6	12GD-1300-C30PP
24-180	12GD-1000-C3	A	12-125-17	925-1000	14 / 12 / 6	12GD-1000-C30PP
24-200	12GD-1100-C3	A	12-85-25	1000-1100	16 / 14 / 7	
24-220	12GD-1200-C3	A	12-125-19	1100-1200	17 / 15 / 8	
24-240	12GD-1300-C3	A	12-125-21 12-85-31	1200-1300	19 / 17 / 8	
36-60	18GD-0350-C3	A	18-85-9	220-350	7 / 6 / 3	18GD-0550-C30PP
36-80	18GD-0450-C3	A	18-85-11	350-450	10 / 8 / 4	18GD-0700-C30PP
36-100	18GD-0550-C3	A	18-125-9 18-85-13	450-550	12 / 10 / 5	18GD-0800-C30PP
36-120	18GD-0700-C3	A	18-85-15 18-85-17 18-125-11	550-700	14 / 12 / 6	18GD-1000-C30PP
36-140	18GD-0800-C3	A	18-85-19 18-125-13	700-800	17 / 14 / 7	18GD-1100-C30PP
36-160	18GD-0925-C3	A	18-85-21 18-125-15	800-925	19 / 17 / 8	18GD-1300-C30PP
36-180	18GD-1000-C3	A	18-85-23 18-125-17	925-1000	21 / 19 / 9	18GD-1300-C30PP
36-200	18GD-1100-C3	A	18-85-25	1000-1100	24 / 21 / 10	18GD-1600-C30PP
36-220	18GD-1200-C3	B	18-85-27 18-125-19	1100-1200	26 / 23 / 11	
36-240	18GD-1300-C3	B	18-85-29 18-125-21	1200-1300	29 / 25 / 12	
36-260	18GD-1450-C3	B	18-85-31 18-125-23	1300-1450	31 / 27 / 13	
36-280	18GD-1600-C3	B	18-85-33 18-125-25	1450-1600	33 / 29 / 14	
48-40	24GD-0220-C3	A		0 220	6 / 6 / 3	
48-50	24GD-0275-C3	A		220-275	8 / 7 / 3	
48-60	24GD-0350-C3	A	24-85-9	275-350	10 / 8 / 4	24GD-0550-C30PP
48-80	24GD-0450-C3	A	18-85-11	350-450	13 / 11 / 6	24GD-0700-C30PP
48-100	24GD-0550-C3	A	24-85-13 24-125-9	450-550	16 / 14 / 7	24GD-0800-C30PP
48-120	24GD-0700-C3	A	24-85-15 24-85-17 24-125-11	550-700	19 / 17 / 8	24GD-1000-C30PP
48-140	24GD-0800-C3	A	24-85-19 24-125-13	700-800	22 / 19 / 10	24GD-1100-C30PP
48-160	24GD-0925-C3	A	24-85-21 24-125-15	800-925	25 / 22 / 11	24GD-1300-C30PP
48-180	24GD-1000-C3	A	24-85-23 24-125-17	925-1000	29 / 25 / 12	
48-200	24GD-1100-C3	A	24-85-25	1000-1100	32 / 28 / 14	
48-220	24GD-1200-C3	B	24-85-27 24-85-29 24-125-19	1100-1200	35 / 30 / 15	
48-240	24GD-1300-C3	B	24-85-31	1200-1300	38 / 33 / 17	

Case Sizes Width x Depth x Height:

A: 19.69" w x 14.17" d x 27.56" h

B: 19.69" w x 17.72" d x 35.43" h

AC voltage code in Model # A: 208-240

B: 208-240-480

C: 208-240-480

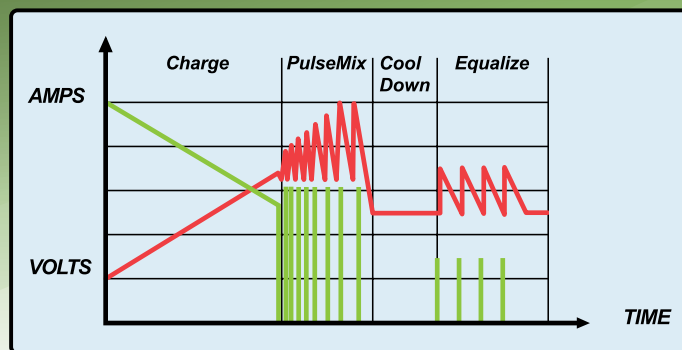
D: 480

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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.

Green Energy Concepts, Inc., the industry leader in charger technologies, proudly introduces its most advanced line of motive power battery chargers...

The Green Diamond™ Series.



The GECl Green Diamond™ Opportunity Charge System combines exclusive electrical and software designs to produce a charger that stands alone. It has the ability to maximize battery performance, reduce energy costs and communicate in real time through a web-based management system. Our exclusive PulseMix system reduces the need to overcharge the battery at every cycle. At the same time, the Green Diamond™ reduces power draw by up to 43% by operating at the point of near maximum power factor (unity) during the entire charge cycle. Get more out of your facility now by replacing your old technology with GECl's Green Diamond™ Charging System.

MAXIMIZE YOUR BATTERY PERFORMANCE & LIFE REDUCE AC POWER CONSUMPTION

It is time to replace your old technology to save money on power consumption and reduce your carbon footprint.



GECl
GREEN ENERGY
CONCEPTS, INC

1-877-914-8999 www.geciproducts.net



UL Listed

ISO9002-94 Quality Control Certified