



# RED DIAMOND

## HYBRID CHARGE SYSTEM



- Able to Charge Lead Acid and Lithium
- Multi-Voltage
- Multi-Current
- Multi-Application Opportunity Charger
- Programmable Charging Curve
- Fully Automatic Operation
- >95% Power Factor
- Anti-Arching
- Alphanumeric LCD Display
- Electronic Fault Protection System
- Automatic Equalize
- Programmable Start and Delay by Time of Day
- Real-Time Clock
- Stackable Cabinet Design
- Data Retention Through Built-in History Log
- Comprehensive Diamond Web-based Management and Communication System
- Automatic Maintenance/Refresh Cycle
- Multiple Charge Termination Function



Charlotte, NC  
877.914.8999

[info@GECIproducts.net](mailto:info@GECIproducts.net)

[www.GECIproducts.net](http://www.GECIproducts.net)

## GECI Red Diamond™ Charger - 3 Phase

Part Number	Conventional Charging	Opportunity Charging	Fast Charging
RD24-1100-C3 24 – 48 VDC 200 Amp	Up to 48vdc Up to 1250 AH	Up to 48vdc Up to 800 AH	Up to 48vdc Up to 500 AH
RD24-1400-C3 24 – 48 VDC 250 Amp	Up to 48vdc Up to 1565 AH	Up to 48vdc Up to 1000 AH	Up to 48vdc Up to 625 AH
RD40-0950-C3 24 – 80 VDC 160 Amp	Up to 48vdc Up to 1000 AH  Up to 80vdc Up to 625 AH	Up to 48vdc Up to 640 AH  Up to 80vdc Up to 400 AH	Up to 48vdc Up to 400 AH  Up to 80vdc Up to 250 AH
RD40-1100-C3 24 – 80 VDC 200 Amp	Up to 48vdc Up to 1250 AH  Up to 80vdc Up to 750 AH	Up to 48vdc Up to 800 AH  Up to 80vdc Up to 480 AH	Up to 48vdc Up to 500 AH  Up to 80vdc Up to 250 AH
RD40-1400-C4 24 – 80 VDC 250 Amp	Up to 48vdc Up to 1565 AH  Up to 80vdc Up to 1000 AH	Up to 48vdc Up to 1000 AH  Up to 80vdc Up to 640 AH	Up to 48vdc Up to 625 AH  Up to 80vdc Up to 400 AH
RD40-2200-C4 24 – 80 VDC 400 Amp	Up to 48vdc Up to 2500 AH  Up to 80vdc Up to 1500 AH	Up to 48vdc Up to 1600 AH  Up to 80vdc Up to 960 AH	Up to 48vdc Up to 1000 AH  Up to 80vdc Up to 600 AH
RD40-2700-C4 24 – 80 VDC 500 Amp	Up to 48vdc Up to 3130 AH  Up to 80vdc Up to 2000 AH	Up to 48vdc Up to 2000 AH  Up to 80vdc Up to 1280 AH	Up to 48vdc Up to 1250 AH  Up to 80vdc Up to 800 AH
RD40-2700-C4 24 – 80 VDC 600 Amp	Up to 48vdc Up to 3750 AH  Up to 80vdc Up to 2500 AH	Up to 48vdc Up to 2400 AH  Up to 80vdc Up to 1600 AH	Up to 48vdc Up to 1500 AH  Up to 80vdc Up to 1000 AH

Multi-voltage; Multi-current; Programmable Charge Curve