

## BLACK DIAMOND

Conventional Charging System

**Features:**

- Conventional charging
- Equalize Charge Button
- Scheduled Equalize Charge
- Universal Input
- Real Time Clock
- History Log 300+ cycles
- Available in 1 Phase - 208/240/480 & 3 Phase - 208/240/480
- Conventional Charging System

**Optional:**

- Auxiliary Wireless Battery Module
- Anti-Arcing
- Floor or wall mounting brackets compatible
- IP54/NEMA 3R Enclosure



## GREEN DIAMOND

Opportunity Charging System

**Features:**

- Energy Saving Charging
- Opportunity charging
- Universal Input
- Real Time Clock
- CEC Option Available
- History Log 300+ cycles
- Available in 1 Phase - 208/240/480 & 3 Phase - 208/240/480
- Opportunity Charging System

**Optional:**

- Auxiliary Wireless Battery Module
- Anti-Arcing
- Floor or wall mounting brackets compatible
- IP54/NEMA 3R Enclosure



## RED DIAMOND

Hybrid Charging System

**Features:**

- Opportunity charging
- Fast Charging, PB or Lithium
- Multi-Voltage
- Real Time Clock
- CEC compliant
- History Log 300+ cycles
- Avail 3x480/240/208Vac(C3) or 3x600/480Vac(C5)
- Opportunity, Fast Charging and Lithium Charging System

**Optional:**

- Auxiliary Wireless Battery Module
- Anti-Arcing
- Floor or wall mounting brackets compatible
- IP54/NEMA 3R Enclosure
- CANBUS (Lithium BMS managed)





## MOD CHARGER

Multi-Voltage Charging System

Features:

- Multi-Voltage units available up to 80V
- Conventional and opportunity charge profile
- Suitable for Lead-Acid, Sealed and Lithium batteries
- Multi current configuration - Various configurations available
- HFView software included - Programmable via front panel or USB type A/B port
- Customizable charging curves through software
- Integrated data logger
- Enter (STOP/RESTART) pushbutton
- USB Port Type A for firmware update and curves/parameters setting through USB pen Drive



## ORANGE DIAMOND

Portable Plug-In Charging System

Features:

- Economical Charging
- Available in 12/24/36/48V Applications
- Equalize Charge Button
- Automatic Equalize Charge
- Wrong battery detection
- Compact Case
- Plug-in - 110 VAC
- Used for Golf Cart, Scissor lift

# MULTI-VOLTAGE PLUG-IN CHARGING SYSTEM

## ORANGE DIAMOND PORTABLE CHARGE SYSTEM

Features:

- Multi-voltage
- Convenient plug-in charger
- Manually selectable outputs
- Meter display shows when battery is charging
- Short circuit and overload protection
- Fully programmable control board



## POKER BATTERY CHARGE SYSTEM

Features:

- AC Input 120V AC  $\pm 5\%$ , 20A input fuse
- Output: suitable for 12V/24/36/48V lead acid batteries
- 12V60A, 24V45A, 36V30A, 48V25A
- Input Current: 15A AC max. Equipped with NEMA 5-15A cables
- Manual timer adjustable from 0 to 24 hours max
- Manual switch for output voltages selection
- Cabinet with wheels and handlebar for easy handling
- 24V AC auxiliary circuit with overload cut-out and 1.6A fuse



# TUBULAR BATTERY SYSTEMS

## Features:

- Tubular technology
- Meets and exceeds US weight standards for forklift balance
- High capacity
- Low maintenance
- Minimum water consumption
- Custom models available
- 5-year warranty



# BATTERY PACK

## Features:

- Tubular technology in BCI cells
- Higher capacity
- Minimum water consumption
- Quicker charging time
- Custom models available
- Available in DIN and BS format
- Built-in charger



# TRACTION PACK WITH CHARGER

## Features:

- Maintenance free battery pack
- Intuitive charge-management
- Eliminates battery failures
- Fail-safe operations & opportunity charging advantages
- Optimizes battery performance and extends battery life
- Maximum restoration of battery amp hour capacity for longer run times
- Built-in charger



# GECI CHARGER LINE COMPARISONS

Charger Series	ORANGE DIAMOND	BLACK DIAMOND	GREEN DIAMOND	RED DIAMOND	MOD
Charging Type	Plug-in	Conventional	Opportunity	Fast/Multi-Voltage	Modular/Multi - Voltage
Finish Rate Pulsing Option	YES	YES	YES	NO	YES
CEC Compliant Option	NO	NO	YES	YES	YES
Opportunity Charge	NO	LIGHT	MEDIUM-HARD	HARD	YES
Fast Charge	NO	NO	NO	YES	YES
ROI	NO	NO	QUICK	MEDIUM	QUICK
Best Max. Starting Rate	20%	20%	25% (80% Li-ion)	50% (100% Li-ion)	
Real Time Clock	NO	YES	YES	YES	YES
Avg Efficiency*	82%	82%	91%	91%	90%
Power Factor	0.87	0.87	0.98	0.98	0.9
Multi-Voltage	NO	NO	NO	YES	YES
Lithium Option	NO	NO	YES (LMF series)	YES (LI series)	YES
CANBUS option	NO	NO	YES (LMF series)	YES (LI series)	YES
Output amps @80%	50%	50%	80%	100%	
Battery Module	NO	YES	YES	YES	YES
Temperature Stop	NO	YES	YES	YES	YES
Temperature control	NO	YES (Emergency stop)	YES(PARTIAL)	YES	YES (w/thermal probe)

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