

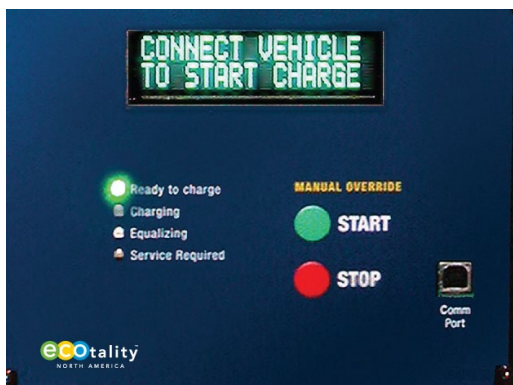
The ECotality NA Minit-Charger® SC Charge System is specifically designed to charge lower power material handling equipment quickly to reduce vehicle downtime.



The SC is capable of charging material handling equipment from 24 volt pallet jacks to 36 volt forklifts



BDC Battery Module



Model SC Controller Display

### Features of the ECotality NA Minit-Charger® SC include...

- Automatically identifies battery voltage, capacity, and battery chemistry using the BDC battery module
- Fastest charge in the industry using the patented ECotality Minit-Charger® charge algorithm
- Adaptive real-time charge control
- Automatically de-stratifies the battery during charge to ensure long battery life
- Automatically charges through entire charge cycle and equalization
- 24V to 36V nominal battery pack voltage, sealed (VRLA) and flooded batteries
- Rapid shutdown feature for safe operation
- Includes cable management and single connectors
- May be installed as a “twin” charger on a post using only a single power connection
- May be configured as a sequenced, dual port charger using the optional DCC (Dual Charge Controller)

### Power Section Design

Reliable, industry proven, maintenance free, high frequency, switch mode IGBT design for use with 24 and 36 V batteries. Low circuit rating requirements. Certified to UL 1564, Industrial Battery Charger standard.

### Charge Station Control

Post mounted, super compact enclosure with complete control set for each of the 2 stations. Automatic Start and Stop with automatic charge complete termination. Manual Start and Stop Push buttons. Display features: · Multi-Lingual Display · State of Charge Fuel Gauge · Charger status lights · Data upload/download port · Easy to use and manage

### BDC Module

Patented charge control profile and proprietary architecture uses BDC battery module onboard the battery to communicate charge control and store Minit-Trak fleet performance analysis data. Senses battery health prior to start of charge. Ensures maximum safe charge as battery changes with age and use.

### Battery Temperature and Water Level Alert

Temperature sensor measures the temperature of the electrolyte and alerts the operator if the temperature is out of range. Water level sensor measures the electrolyte level of the center cell and alerts the operator or maintenance staff to check water level – protects your battery from inattention.

### Characteristics (each station)

Weight:	82 lbs; 37 kgs (each)
Dimensions:	21.0” H x 12.0” W x 16.5” D
Operating Temperature Range:	-4° to 104°F; -20° to 50°C
Enclosure, Standard:	Standard NEMA 1

### Charge Efficiency (max)

97 percent

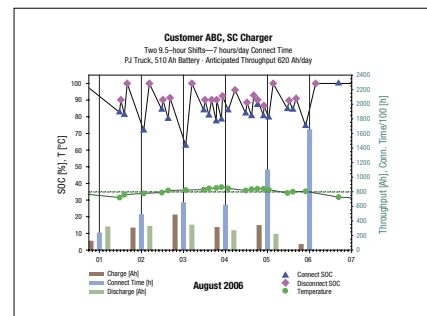
### Output Power

Maximum output power:	13 kW
Battery Voltage:	18 - 52 VDC
Output Current:	250 A

### Input Power

Voltage:	480/600 VAC, 3ph
Current:	20/16 A (single), 40/32 A (twin)
Current, Circuit Rating:	25/20 A (single), 50/40 A (twin)

Please note that Minit-Charger reserves the right to make changes to equipment, specifications and prices without notice.



**Minit-Charger technology.**

# Big results in a small package.



A typical model SC charger installation

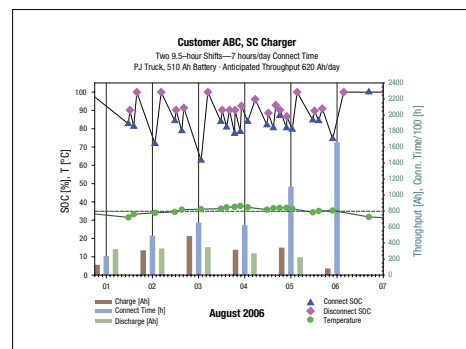
**Easy, safe and cost-effective opportunity charging with the assurance of long battery life.**

Many lift truck fleets use trucks that operate in moderate to heavy duty cycles and perform frequent and disruptive battery changes. To avoid battery handling safety issues and the loss in productivity from changing batteries, operators frequently use old style chargers while opportunity charging. Unfortunately, since conventional chargers do not have the charge control characteristics for opportunity charging, battery life is significantly shortened.



- ✓ **Minit-Charger patented technology with high power IGBT electronics in a cost effective opportunity charger**
- ✓ **Available as a Single or Twin vehicle configuration with an ultra compact footprint—allows installation in most locations**
- ✓ **Features include battery water level alert, 100% charging with automatic equalization**
- ✓ **Low power requirements; low cost single circuits in Twin configuration**
- ✓ **Easy to use single connector**
- ✓ **Minit-Trak™ system and fleet management data**

Minit-Charger's Model SC opportunity charger is built to maximize lift truck productivity while maintaining long battery life. Charge output is provided by a super efficient IGBT power section that comes in an ultra small package with post mounted footprint. Precision charge control is provided by the same patented technology found in higher output Minit-Charger fast chargers, thereby assuring maximum safe charge to the battery while assuring lower costs through long battery life. And just like our fast chargers, the SC comes with our renowned Minit-Trak data management capabilities.



Example Information from Minit-Trak Download

Call us today to see how SC and our other fast charger products can work together to bring savings of 50% or more to your lift truck operations.