



# Fast Charger

## Product Description

The fast charger is a revolutionary traction battery charger, designed for conventional and opportunity charging applications

It is controlled by a digital board, equipped with alphanumeric display & keyboard charge history logger, programmable real-time clock and calendar, audible alarm and connectivity package, compatible with wireless Battery Identification Modules

## Key Features

- True universal charger
- Automatic recognition of different batteries
- Maximise battery life, reduces water consumption and maintenance
- Configured to support applications of any type (conventional to opportunity and fast charging)
- Complete electronic protection system
- Battery voltage/temperature compensation
- Charging curve is programmable for any battery type
- Enable usage with lead-acid batteries



## AC Input

- Standard Voltages: Single-phase 220-230-240, VAC +/- 10 %  
Three-phase 220-240, 400,440, 480, 600 VAC +/- 10 %  
Frequency 50/60 Hz
- Efficiency: > 93%
- Power Factor : Single-phase models >90%  
Three-phase models >98%

## DC Output

- Standard Voltages: Nominal battery voltages up to 400VDC
- Current Ratings: From 60A to 600A

## Protection

- Wrong battery and reverse polarity
- Electronic overload protection
- Anti-arching
- Power-on Self-test
- Blackout of the AC Input
- Automatic shutdown on battery disconnection
- Real time clock