

# FB5 Ferro-Resonant Battery Charger

## Standard Features

- Ferro-Resonant design for maximum reliability
- Negligible input harmonics
- Hi / Low Voltage Alarm (Rectifier Failure)
- AC Fail with indication and Form C relay
- Automatic Equalize after discharge
- AC Breaker 2 Pole for Single phase, 3 Pole for 3 Phase
- Manual Float – Equalize override
- DC Breaker 2 Pole
- DC Ammeter
- DC Voltmeter
- MTBF 120,000 Hours
- Designed for parallel operation with other rectifiers



FB5 FERRO-RESONANT CHARGER

## Specifications

<b>Input Voltage:</b>	120, 220, 380, 480, 575, 690, Custom (60 Hz)
<b>Output Voltage:</b>	12, 24, 48, 125, 250, Custom (60 Hz) (1/3ph.)
<b>Regulation:</b>	< 0.5% for input variation of 10%
<b>Short Circuit Protection:</b>	Inherent in Ferro Resonant Design
<b>Enclosure:</b>	NEMA 1
<b>Efficiency:</b>	> 85%
<b>Soft start:</b>	Electronic soft start
<b>Ripple:</b>	2% (1%, 26 dbrnC optional)
<b>Operation:</b>	0-50 Degree Celsius (-40 optional)
<b>Approvals:</b>	CSA, CSA us (UL1012)