

SB5 SCR Battery Charger

Standard Features



- SCR design for Utility specification
- 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 100,000 Hours
- Designed for parallel operation with other rectifiers

Specification

Regulation:	< 0.5% for input variation of 10%
Short Circuit Protection:	Inherent in Ferro Resonant Design
Enclosure:	NEMA 1
Efficiency:	> 90%
Power Factor:	>0.85
Soft start:	Electronic soft start
Ripple:	2% (1%, 26 dbmC optional)
Operation:	0-50 Degree Celsius (-40 Degree Operation Optional)

Input / Output / Approval

Input Voltage:	120, 220, 380, 480, 575, 690, Custom 1 / 3 Phase 50/60 Hz
Output Voltage:	12, 24, 48, 125, 250, Custom
Approvals:	CSA, CSA us (UL1012)