

# SB5 SCR Charger



## Standard Features

- SCR Designed for Utility Specifications
- Very Low Input Harmonics
- AC Fail with Indication and Form C Relay
- Manual Float – Equalize Control
- Automatic Equalize after Discharge
- AC Input Breaker
- DC Output Breaker
- DC Ammeter
- DC Voltmeter
- MTBF 200,000 Hours
- Designed for Parallel Operation
- Wall Mounted Nema 1

## Input / Output


Input Voltage:	1 $\phi$ - 120, 240, 480, 600 3 $\phi$ - 208, 480, 600 50/60 Hz
Output Voltage:	12, 24, 48, 120, Custom
Output Amperage:	10 to 400

## Cabinet Options

- Nema 4 and 12
- Self Standing
- Integrated Battery Rack



## Specifications

Regulation:	< 0.5% for input variation of 10%
Short Circuit Protection:	Automatic shutdown at 200% of rated output
Enclosure:	NEMA 1
Efficiency Model Dependant:	82 to 88%
Power Factor Model Dependant:	0.88 to 0.95
Ripple:	2% (< 1% dbrnC Optional)
Operation:	0° to 50° C
Option:	Extended Temperature -40° to 50° C
Approvals:	

## Mechanical

Dimension Model Dependant:	20"H x 20"W x 16"D 36"H x 30"W x 16"D 77"H x 23"W x 20"D
Weight Model Dependant:	1 $\phi$ - 30 to 330 lbs 3 $\phi$ - 260 to 1200 lbs

## Available Models

The SB5 is available in 12, 24, 48 and 120VDC models with the following ratings: 10, 20, 30, 50, 75, 100, 150, 200 and 250 amps.

The SB5 can also be customized to fit any required application.

## Warranty

18 months from date of sale.

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