

Constant Current DC Load Banks

For discharge testing 24-250 Vdc battery systems

The only way to know your stationary batteries will perform to specification is to test them regularly.

NERC standard PRC-005-2 requires that Vented Lead-Acid and Nickel Cadmium systems be discharge tested every six years and Valve Regulated Lead-Acid (VRLA) batteries be tested every three years. IEEE recommends load testing stationary flooded/vented lead-acid and Ni-Cad stationary batteries every 5 years and VRLA batteries every 12-18 months.

The SBS constant current load banks are an affordable way to perform easy and accurate IEEE450 (Vented Lead-Acid), IEEE1106 (Ni-Cad) and IEEE1188 (VRLA) load tests.

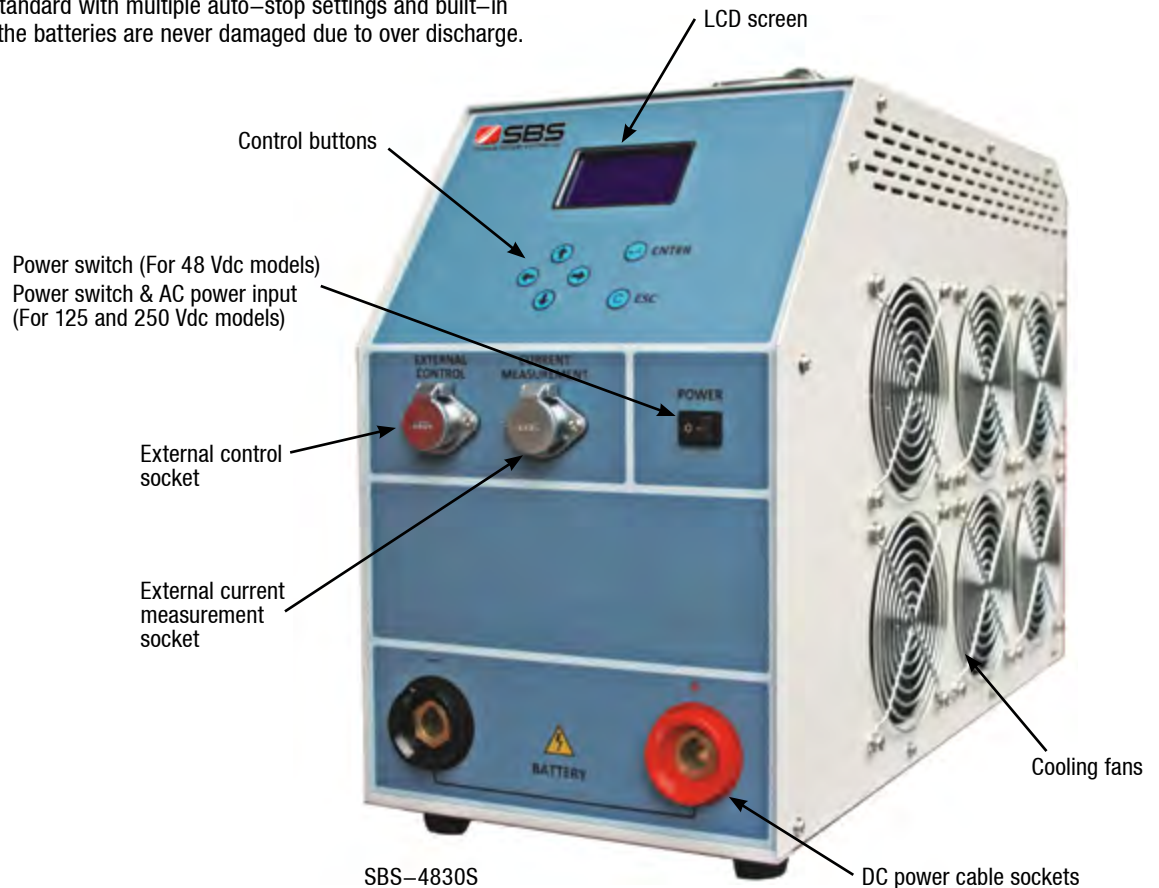
These units are quick and easy to set up. They display the voltage, current and Ah removed during the test. Since this is a constant current load bank, the user also does not have to constantly adjust the current during the test like many other load banks.

These load banks come standard with multiple auto-stop settings and built-in protection to ensure that the batteries are never damaged due to over discharge.

Features

- Constant current load bank holds the current set throughout the test
- LED screen displays real time voltage, discharge current and Ah removed
- Units can be paralleled with the SBS-8400 or other load banks
- Easily adjust settings electronically
- 3 adjustable stop points
 - End system voltage
 - Discharge time
 - Discharge capacity (Ah)

DC LOAD BANKS



SBS-4830S

Technical Data

Display	LCD (128 x 64 pixels)
Input	During discharge: real time voltage / current / test time / Ah discharged User can set: end system voltage / test time / Capacity discharged (Ah)
Test Type	Unit controls the current so it stays where it is set throughout the test
Protection	Over heat / Over load / Over voltage protection with audible alarm and screen warning
Power Supply	24/48 Vdc modules use DC power supply (from tested battery) 125 and 250 Vdc models use AC power supply (110 Vac 60 Hz)
DC Cables	Included - 9 ft long

Built-in Protection

- Audible alarm
- Warning on LED screen
- High temperature shutdown
- High voltage shutdown
- Over load protection

Constant Current DC Load Banks (cont.)

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SBS-1110S

Includes

- Carrying case
- 9 ft DC cables
- Instruction manual

Specifications				
Part No.	DC Voltage Range	DC Current Range (Amps)	Dimensions L x W x H (in.)	Weight (lbs.)
SBS-4830S	20-40 Vdc	0-150A	26 x 9 x 16	40
	40-60 Vdc	0-300A		
SBS-1110S	90-150 Vdc	0-100A	25 x 9 x 15	44
SBS-1230S	90-150 Vdc	0-300A	36 x 9 x 25	110
SBS-2206S	190-265 Vdc	0-60A	26 x 9 x 16	40
SBS-2415S	196-300 Vdc	0-150A	36 x 9 x 25	110

Ordering Information	
Part No.	Description
SBS-4830S	24/48 Vdc 0-150Amp Constant Current Load Bank
SBS-1110S	125 Vdc 0-100Amp Constant Current Load Bank
SBS-1230S	125 Vdc 0-300Amp Constant Current Load Bank
SBS-2206S	250 Vdc 0-60Amp Constant Current Load Bank
SBS-2415S	250 Vdc 0-150Amp Constant Current Load Bank

GL-1000 Constant Current Electronic DC Load Tester

Battery Capacity Tester (1,000 Watts)

The SBS GL-1000 is a great tester for single cells or lower ampere hour battery systems up to 64 Vdc. Units can be operated in parallel to increase load, using up to four GL-1000 units.



Features

- Adjustable, constant current load
- 1.0 to 64.0 Vdc range
- Parallel operation to enable increased load — up to four units
- Selectable Constant Current or Constant Resistance
- Weight: 11 lbs.

Voltage / Loading Capacity

- Input voltage: 120 Vac, 60 Hz
- Maximum Loading Power: 1,000 Watts
- Minimum Loading Voltage: 1.0 Vdc
- Maximum Loading Voltage: 64.0 Vdc
- Maximum Loading Current: 200 Amps



Ordering Information	
Part No.	Description
GL-1000	Constant current electronic DC load tester

Accessory Ordering Information	
Part No.	Description
GL-40025	3 ft paralleling cable for GL-1000

Conversion Table Watts / Voltage = Current (Amps)		
Watts	Voltage	Max Current (Per Unit)
1000	64	15.6 Amps
1000	48	20.8 Amps
1000	36	27.7 Amps
1000	24	41.6 Amps
1000	12	83.3 Amps
1000	6	166 Amps
1000	2	200 Amps

GL-1000 Includes

- AC power cord
- Instruction manual