

## SBS Wireless Modules

*Battery Voltage Logger (Accessory for SBS-8400 Battery Discharger / Capacity Tester)*



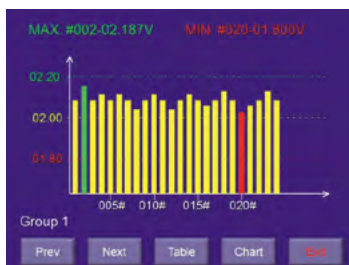
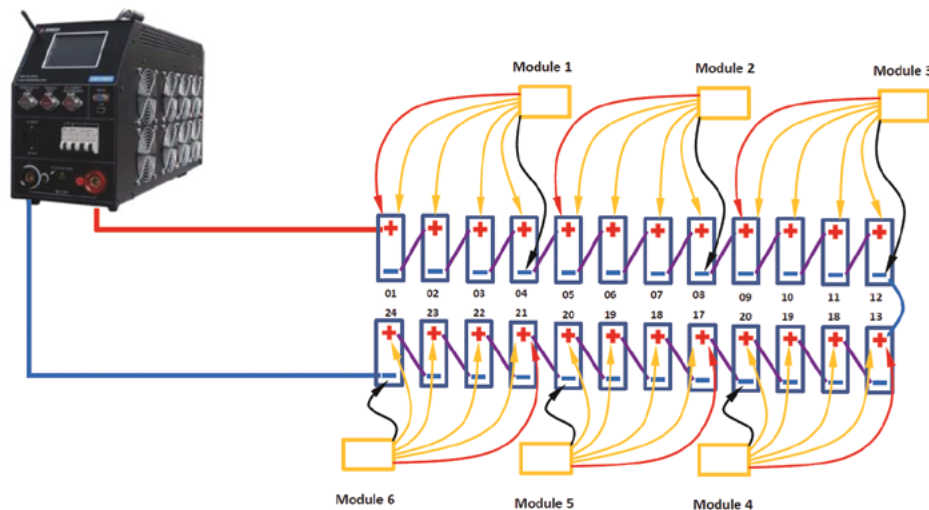
The SBS wireless modules are a battery voltage measurement kit used in conjunction with the SBS-8400. During capacity testing, they measure each battery's voltage and wirelessly send the data back to the SBS-8400. All voltage values are displayed on the SBS-8400 LCD screen and listed in the test report which is created with the PC software. You can then locate the failed batteries in the battery bank and estimate the actual capacity of each battery.

### Features

- Real-time battery voltage measuring during discharge test
- Wireless communication between modules and load bank
- Wide range for 1.2/2/6/12V batteries
- One module supports voltage measurements for 4 batteries
- Supports monitoring up to 120 batteries in a single test (for testing strings in parallel)

### Connection

Each wireless module can connect to 4 cells or batteries. The SBS-8400 can work with up to 30 modules (monitoring 120 batteries) in single capacity test. Wireless communication makes connecting the modules to the batteries very convenient and time-saving.

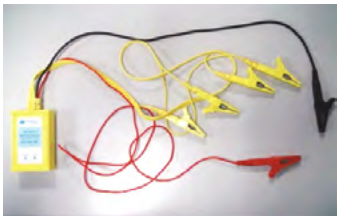

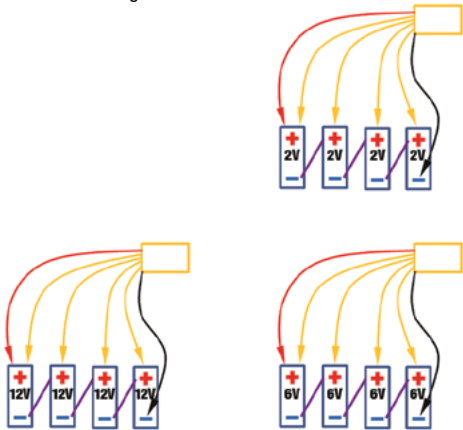


Voltage bar chart on SBS-8400 LCD



Voltage bar chart in PC Software

## Specifications

Type	Module-2V/6V/12V	Module-1.2V/2V
		
Support Cell Voltage	2V/6V/12V	1.2V/2V
Wires	Six (1 Red, 1 Black, 4 Yellow)	Five (4 Red, 1 Black)
Power Supply Wire	Red & Black Operating Voltage: 5V – 24V Max. Voltage: <400V	Red No. 1 & Black Operating Voltage: 3.5V – 20V Max. Voltage: <60V
Measure Voltage Range	0–16V for each channel	0–5V for each channel
Accuracy & Resolution	≤±0.5%, 0.01 V	≤±0.5%, 0.01 V
Default Frequency	433.0 MHz	433.0 MHz
Connection Drawings		
Weight	0.66 lbs. (0.3 kg)	
Dimensions	3.9 x 2.6 x 1.3 in. (100 x 65 x 32 mm)	
Operation Temperature	23° to 122°F (-5° to 50°C)	
Storage Temperature	-40° to 158°F (-40° to 70°C)	
Humidity	5% – 95% RH	
Altitude	below 13,100 ft. (below 4000 m)	

## Wireless Load Bank Module Kits Ordering Information

Battery Type	DC Voltages of Systems to be Tested	Module Package(s) Required (Part No.)	Qty. of Modules (+2 spares)
Lead Acid Only (2, 6, 12V)	12 – 125 Vdc	MODULE-2/6/12-15	15
	12 – 250 Vdc	MODULE-2/6/12-30	30
Ni-Cd / Single Cell Lead Acid Only (1.2/2V)	12 – 125 Vdc	MODULE-1.2/2-25	25
	12 – 250 Vdc	MODULE-1.2/2-30	30