

## SLB-380-100 DC Load Bank

Model # SLB-Series



SLB-380-100

### Product Overview

Eagle Eye's SLB-380-100 Constant Current DC Load Bank is designed for discharge testing, battery capacity testing, acceptance testing, battery maintenance, and other testing of DC systems. The SLB-Series load banks are portable, economic, easy-to-use and come complete with DataView Software for data management and analysis. The SMART technology allows a constant current discharge without the need for any adjustments during the test. The SLB-Series is used in a variety of industries including utilities, telecommunications, UPS, motive power / forklifts, transportation, CATV, and many more.

### Product Features

- SMART Constant Current DC Load Banks with real-time monitoring
- Data management software included for data analyzing and reporting
- Four settings for auto test shutdown: discharge time, total string end voltage, cell end voltage, discharged capacity
- Parallel connection of two units for increased current output
- Thermal cut-off and automatic overload protection
- **Optional:** Real-time display of voltage for each cell with DAC package for 2V, 6V, 12V cells or 1.2V NiCad cells

### Discharge Current Ratings

12V	24V	28V	36V	48V	80V	125V	240V	380V	480V
3A	6A	7A	9A	12A	20A	31A	63A	100A	--

### Technical Specifications

<b>Discharge Current Range:</b>	10 – 100A	
<b>Discharge Voltage Range:</b>	Standard: 342 – 437V	Max: 342 – 456V
<b>Cell Voltage Range:</b>	Standard DAC: 2V, 6V, 12V	
	Optional: 1.2V for NiCad and others	
<b>Accuracy:</b>	Discharge Current: 2%	Voltage: 0.5% – 0.8%
<b>Resolution:</b>	Current: 0.1A or 0.5%	Voltage: 0.001V
<b>Sampling Interval:</b>	5 seconds – 1 minute	
<b>Data Transfer:</b>	USB, Wireless (466 MHz)	
<b>Operating Environment:</b>	0 – 40 °C (32 – 104 °F)	
<b>Input Voltage:</b>	110/220 VAC 50/60 Hz	
<b>Dimensions L x W x H:</b>	76 x 41 x 76 cm (30 x 16 x 30 in)	
<b>Weight:</b>	55 kg (122 lbs)	

### Kit Includes

- SLB-380-100
- DataView Management Software
- Carrying Case
- Set of 3m/10ft Load Cables
- 3m/10ft Voltage Test Leads
- PC Com Terminal
- USB-RS232 Adapter
- Ground Cable
- AC Power Cord
- USB Drive with Software/ User Manual
- (2) Antenna
- **Optional:** Standard DAC Package
- **Optional:** CT Clamp for Assisted or External Load Testing

### Ordering Information

No.	Model #	Description
1	SLB-380-100	380V, 100A DC Load Bank
2	SLB-380-100 DAC	380V, 100A DC Load Bank, Monitoring for 2V/6V/8V/12V Jars
3	SLB-380-100 DAC for NiCad	380V, 100A DC Load Bank, Monitoring for 1.2V NiCad Cells