

DC load bank

General information about ADBC-105LB DC load bank

Real time on-line monitoring function offer you an ability to record everything you need about battery system.

Perform constant current and constant power discharging test to help you maximum and exactly know your battery's performance.

Main features and functions:

- ✓ **Display:** LCD display all parameters and test data in real-time with English menu. Display testing data: voltage, current, capacity, discharging time. etc.
- ✓ **Control pattern:** keyboard set the whole battery set protective voltage, current, capacity, discharging time.
- ✓ **Automatic stop:** It can stop testing automatically meet following
- ✓ **conditions:** test time out, testing capacity out and protective voltage out.
- ✓ **Protection:** Perfect automatic protection and alarm function: When high temperature, opposing connection, automatic protection power-off and sending alarm sound. Portable, with small volume, forced air cooling
- ✓ **On-line monitoring function:** When the battery pack is under the state of online discharge, uniform charge and floating charge , perform real-time on-line monitoring for all cells.



Technical specification of the device:

Type: OR-DC	48/15	48/30	11/05	11/10	22/06	22/10	60/03
DC Input							
Group Voltage Range	0-60V		0-135V		98-260V		300-650V
Measurement range	2V ;0-4v 6V:0-8v 12V:0-15V						
Cell voltage resolution	2V/6V:0.001V ; 12V:0.01V						
Constant current discharge voltage	43.2V-57.6V	43.2V-57.6V	99-132V	99~132V	198-264V	198-264V	300-650V
Discharge Current	0-150A	0-300A	0-50A	0-100A	0-60A	0-100A	0-30A
Working Mode	single main machine / multiple main machine / main machine + extension load(s)						
Protective measures	Input over-voltage protect: LCD prompt, beep warning Battery electrodeinversed connecting protect: LCD prompt, beep warning Over-current protect: LCD prompt, beep warning Overheat protect(over 85°C): LCD prompt, beep warning						
Accuracy	discharge current: $\leq \pm 0.5\%$ / group voltage: $\leq \pm 0.5\%$ / battery voltage: $\leq \pm 0.5\%$						
PC Communication	RS232 socket						
Internal Memory	8Mbit FLASH						
Cooling Mode	Air cooling						
Temperature	working:-5-50degree / storage:: -40-70degree						
Humidity	RH: 0-90%(40 \pm 2degree)						
Altitude	Available below 4000m						
Noise	<60dB						
Voltage	Single-phase 3-wire 220Vac (-20%~+30%), frequency: 45-65Hz						
Withstand Voltage	input-shell: 2000Vdc 1min / input-output: 2000Vdc 1min / output-shell: 700Vdc 1min						
AC Input	standard socket, available for 1~1.5 mm ² cable						
DC input	OR-DC 48/30: Φ 120 cable quick plug (red-positive, back-negative), 100mm ² cable OR-DC 60/03: Φ 26.5 cable quick plug (red-positive, back-negative), 16mm ² cable Others: Φ 50.0 cable quick plug (red-positive, back-negative), 35mm ² cable						
Dimension(mm)	OR-DC48/15 OR-DB11/05 OR-DC22/06: 508 \times 223 \times 372 OR-DC48/30 OR-DB11/10 OR-DC22/10 OR-DB60/03: 628 \times 223 \times 372						
Weight(kg)	13	18	13	18	13	18	18

