

## Load Bank For Battery Discharge Test

Batteries in power plants, transformer substations, telecom company and force communications must provide the equipment they serve with standby power in the event of a power failure.

Unfortunately, the capacity of such batteries can drop significantly for a number of reasons before their calculated life expectancy is reached. This is why so important to check batteries regular intervals, and the only reliable way of measuring battery capacity is to conduct a discharge test.



### Product features

1. 7 inch LCD touch screen for easy operation and showing various parameters real time.
2. Selectable discharge mode: constant current /power.
3. 4 adjustable stop points and multiple alarm designs to control the discharge process intelligently.
4. USB download data to PC software for capacity evaluation and report generation.
5. Optional wireless modules for 1.2V/2V/6V/12V cells voltage real-time measuring, each sensor can monitor 24cells at one time.



### Product specifications and technical parameters

Model No.	RD-CT-24/10	RD-CT-48/15	RD-CT-48/30	RD-CT-110/05	RD-CT-110/10	RD-CT-110/15	RD-CT-220/05	RD-CT-220/10	RD-CT-380/05	RD-CT-380/10
Output voltage	24V	48V	48V	110V	110V	110V	220V	220V	380V	380V
Output current	1-100A	1-150A	1-300A	1-50A	1-100A	1-150A	1-50A	1-100A	1-50A	1-100A

Discharge mode	CC , CP
Accuracy & resolution	$\leq \pm 0.5\%$ , 0.01V
<b>DC voltage measurement</b>	
Internal current range	2-300A
Accuracy & resolution	$\leq \pm 1\%$ ; 0.1A
Cell voltage Range	0-15V
Accuracy & resolution	$\leq \pm 0.5\%$ ; 0.01 V
<b>AC power supply</b>	
Power Supply	AC 220V, 50Hz
Cooling mode	Air Cooling
<b>Communication &amp; storage</b>	
Storage mode	SD card and internal storage
Internal memory	16MB flash or optional
Display	7 inch touch screen
High-Voltage insulation test	Input-The enclosure: 2200Vdc 1min
	Input-Output: 2200Vdc 1min
	Output- The enclosure: 700Vdc 1min
Safety standard	EN610950
CE Certificate	LVD: EN61010-12010; EMC:EN61326-1:2013
<b>Environment</b>	
Work temperature	-5~50℃
Storage temperature	-40~70℃
Humidity	5%~95% RH
Altitude	Below 4000 m
Working noise	<60 dB
Dimensions of host machine	55x25x44 mm
Net weight	23 kg



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