

DC Battery Load Bank

RD-8400CT is used for battery systems ranging from 24V/48V/110V/220VDC Battery string. Discharge can take place at up to 110A. If higher current is needed, two or more FST-8400CT units can be paralleled together through RS485 parallel port on the equipment.



Product features

1. Used to discharge to battery string removed from the system.
2. 4 adjustable stop points and multiple alarm designs to control the discharge process intelligently.
3. Support real time monitoring by PC or SD Card download data after discharge.
4. PC software for capacity evaluation and report generation.
5. Optional wireless modules for 1.2V/2V/4V/6V/12V cells voltage real-time measuring.
6. Automatically discharges batteries unmanned without danger of over-discharging.
7. Individual cell monitoring capabilities via wireless module, can test 24cells.
8. Can be used on a variety of systems with lead acid or nickel cadmium batteries.
9. Test parameters are adjustable during test without stopping.
10. Automatically protects and saves data from an unexpected test stop or end.



Product specifications and technical parameters

Model	RD-8400CT	RD-8700CT
DC voltage measurement		
Rated total voltages	24V/48V/110V/220V	10-30V; 50A 30V-60V; 150A 60V-150V; 100A 150V-300V; 50A 300V-450V; 50A
Discharge ranges	10V-30V; 55A	DC 10V-450V
	30V-150V; 110A	
	150V-300V; 55A	

Accuracy & resolution	±0.3% FS +0.3V; 0.1 V	
DC voltage measurement		
Internal current range	Max.110A at 1-110A adjustable	Max.150A at 1-150A adjustable
Accuracy & resolution	±0.5% FS +0.6A; 0.1 A	
Cell voltage type	1.2V/2V/4V/6V/12V	
Accuracy & resolution	≤ ± 0.5%; 0.01 V	
Power supply		
Power supply	220V AC (-20% to +20%) 50Hz/60Hz	AC 110/220V (-20% to +20%), 50Hz/60Hz
Cooling mode	Forced air cooling	
Communication & storage		
Storage mode	USB internal storage	
Internal memory	16MB flash or optional	
Display	7inch touch screen	
HV 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	
Environment		
Work temperature	-5～50℃	
Storage temperature	-40～70℃	
Humidity	5%～95% RH	
Altitude	Below 4000 m	
Working noise	<60 dB	
Dimensions of host machine	800 x 290 x 540 mm	355x230x440mm
Dimensions of package	960 x 530 x 850 mm	480x250x410mm
Net weight	50kg	<50kg



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