HYNN TECHNOLOGY
Add: No.8 Nanyuan Road, Songshan Lake Zone, Dongguan City, Guangdong, China
E-mail: business@hynn.com.cn / info@hynn.com.cn Web: www.hynn.com
Tel: +86-769-26627730 / +86-4001667608 Postcode: 523000

DCIR Tester

Suitable for Prismatic/ Cylindrical/ Pouch Cell

Test Items

- Battery DC Internal Resistance

Functional Characteristics

- Estimation of DCIR is based on BSEN61960, which adopts 2nd loading current test, calculates DCIR value by voltage difference of current changing, much close to the actual resistant effect by cell continuous current, therefore power battery or high-power type battery should go over the estimation of DCIR test.
- Cabinet testing machine switch response time less than 15ms, pulse width less than 100ms, can catch the minor curve of current and voltage instantaneously, which offer more accurate and high precision testing hardware platform; software calculating method follows HPPC standard testing for development, closer to response battery characteristic features.
- Contacting probe adopts alloy metal, contacting impedance minimize more than double compared to same level beryllium cooper probe, current overflowing temperature rise less than 6℃ under 45℃ high temperature surrounding.
- Using big current for battery impacting test, adopting the method of voltage difference and ex-current difference, calculates Cell's DCIR, DCIR tester can select NG cell in advance.

Parameters

Item		Specification
Voltage	Measurement and control precision of voltage	±(0.05%FS+0.05%RD)
	Measurement range (mV)	0~5,000

Add: No.8 Nanyuan Road, Songshan Lake Zone, Dongguan City, Guangdong, China
E-mail: business@hynn.com.cn / info@hynn.com.cn Web: www.hynn.com
Tel: +86-769-26627730 / +86-4001667608 Postcode: 523000

Current	Test precision	±(0.05%FS+0.05%RD)
	Measurement range (mA)	0~500,000
	Test procedure	Can be customized