

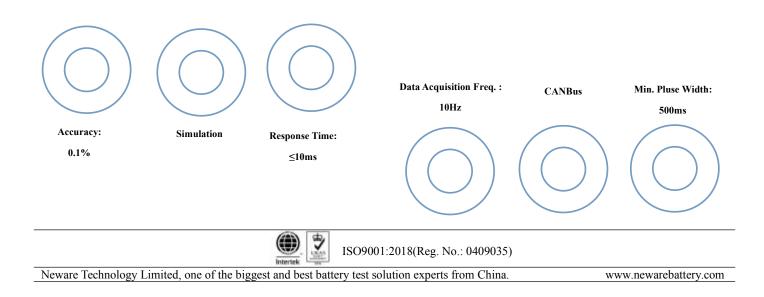
Get to Know about IGBT

Regenerative Test Equipment for Battery Packs



CE - 7000 (IGBT)								
Power	75kVA	150kVA	300kVA	600kVA				
Voltage		60V -	1000V					
Current		100A -	1000A					

CE-7000 (IGBT), Electric Vehicle Testing System, known as a new generation testing system with both **high voltage and power output** capability, advanced **BMS CANBus** communication technique system, DBC supported and **simulation** function, which can fully fill power battery and energy storage battery testing requires.





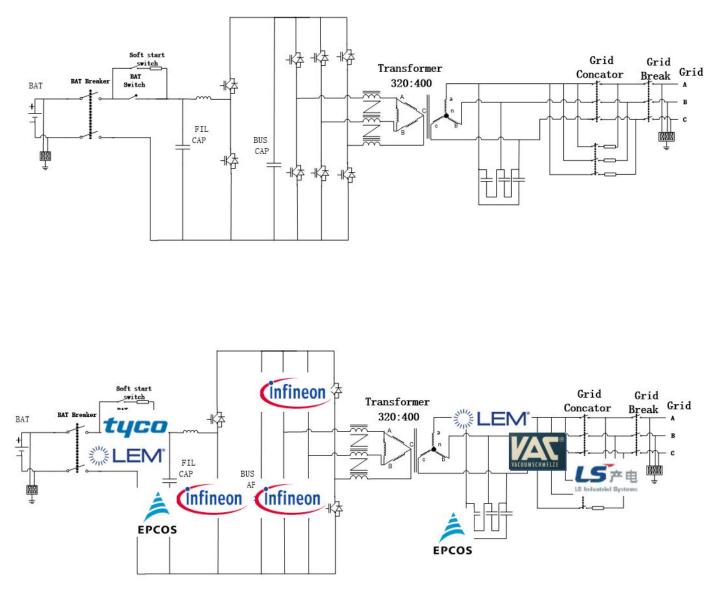
Features and Applications						
Category	Application and Specs					
Driving simulation mode	up to 1 million lines of command					
Test Application	Charge; Discharge; Driving simulation; Cycle-life; C-Rate;					
Channel Programme	CCC(Constant Current Charging); CVC(Constant Voltage Charging); CC&CVC(Constant Current & Constant Voltage Charging); CPC(Constant Power Charging); CCD(Constant Current Discharging);					
	CPD(Constant Power Discharging);					
Voltage and Temperature Aux Channels	Available; Temperature Ranges: Accuracy: ±1°C Thermistor: -30°C - 120°C Thermocouple: -40°C - 200°C Voltage Ranges: -20V - 20V					
DCIR	Accuracy: ±0.1% of FS Available					
Max. Regenerative Efficiency	<90%					
Data Recording:	1Hz, 10H, 100Hz (Tailor-made) △t,△v,△I supported;					
Resolution	AD: 16bit; DA: 16b					



ISO9001:2018(Reg. No.: 0409035)

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Structural Layout and Vendors



Heads-up:

All the essential parts of Neware IGBT are from world-wide famous vendors: Infineon, TYCO, Lem, EPCOS, etc.

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Neware IGBT Test Equipment on-site Working





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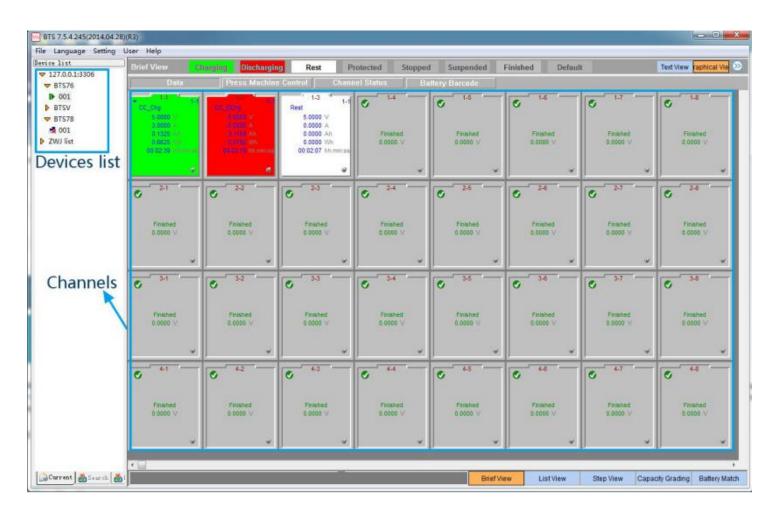
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IGBT Software Interfaces and Results View

Neware IGBT shares the same software as Neware BTS4000 testers, the software is easy and intuitive to use. It's based on windows application and uses MySQL as the database. By using Neware software, customers can easily manage from 1 tester up to hundreds of testers. And there's also a free BTSDA software for users to view the testing result both in plain text and graph/plot.



Main window of the software:

Easily to operate(start up,pause,stop tests) and manage all devices and channels in graphic UI.



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D	Step name	Tir	me(hh:m	m:ss:ms)	:ss:ms) Voltage(V)		ent(A)	Capacity(Al	h) Ei	nergy(Wh)	-ΔV(m ^
1	CC_Chg		00	:05:00:000			0.5000				
2	Rest		00	:05:00:000							
3	CC_DChg						1.0000				l.
4	End										
C	-l					-					
	Volt [Curr [ay Protect Step Delay Continue Delay Main and Aux Delay	0.1	sec mV mA sec sec sec	Volt L Volt U Curr L Curr L Delay	lpper	V V A A Ah sec	Vol	ive Material	V V °C °C V mg	Creator P/N Remarks	
	s Protect Condition Bgfs Rate			Plateau V		v	- Aux Re	ecord Condition	sec		
Det	tection Time		sec	Platea	su2	v	Vol	lt 🗌	mV		
	. 1		mV	Platea	au3	v	Ter	mp	°C		

Testing steps editor window:

Supports various testing steps and supports loading testing samples.





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File View Window Help												- 6
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Data and curve view window:

Easily to zoom in/out and export to other data formats.



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Popular Mode

CE - 7000

100V100A	100V150A	100V200A	100V300A	100V400A	100V500A	120V50A
120V300A	150V150A	150V200A	150V300A	200V100A	200V10A	200V200A
200V400A	200V600A	300V100A	400V100A	400V200A	400V300A	500V100A
500V100A	500V200A	500V300A	500V400A	500V500A	600V100A	600V200A
60V200A	60V300A	60V500A	750V100A	800V100A	750V200A	750V300A
900V200A	1000V100A	1000V200A	1000V300A	900V300A	900V400A	

For More Information: http://www.newarebattery.com/



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