



Specifications

BFGS-8512 Battery formation and grading system		
	8512	Mid machine 7 Series SN Code: CG-8512W-5V 2A-A1
Items	Parameters	
Input power	AC220V ±10%/50Hz	
Voltage	Charge voltage	0V~4.3V
	Discharge voltage	0.8V~5V
	Accuracy	± (0.2% of reading + 0.2% of range)
Current	Output range	±2000mA
	Accuracy	± (0.2% of reading + 0.2% of range)
	CV cut-off current	Min 15mA
Power	Power	8300W
Time	Check time	Real time, <2s
	Timer scope	0~9999m/step
Data record interval	≥20s	
Grading standards	End capacity, Plateau capacity	
Mid Machine version	7 Series	
Charge	Charge modes	Constant current
	Cut-off conditions	Voltage、 Time、 Cut-off current、 - V
Discharge	Discharge modes	Constant current
	Cut-off conditions	Voltage、 Time
Cycle	Cycle times	1~999
	Cycle nest	Max 3
	Max steps/cycle	254
Protection	Software Protection	• Data protection on before power failure
		• Over voltage protection, Low voltage protection, etc.
Interfact	Ethernet port	
Testing method	Kelvin connection	
Noise	<85dB	
Database	Mysql	
Hard Drive requirment	500GB	
OS	Windows xp,Windows 7	
Channels	512	
For battery type	Lithium battery, NI-MH battery	
Operation and storage environment requirement		
Operation environment temperature	0℃~40℃ (When the temperature is 25±10℃, the accuracy error caused by temperature change is less than 50ppm /℃)	
Storage environment temperature	-10℃~50℃	
Operation environment humidity	≤70% RH(no moisture condensation)	
Storage environment humidity	≤80% RH(no moisture condensation)	
Battery clamps and machine dimension		
Clamp type	Polymer clamp for pouch, Up-down holder for cylinder	
Clamp adjustable range	Max 80mm height, Max 34mm width	
Dimension	W*D*H:1450*380*1780 (mm)	
Net Weight	350kg	