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CE-6000 Specification					
1、Model					
1. Material code	CE-6001n-1000V400A-IG				
2. Channels inform	nation				
1. Channels quantity	Channels quantity in one unit	1			
	Channel feature	Constant current source and constant voltage source dual closed loop control			
2. Main channel	Channel control mode	Independent control			
	Channel parallel connection	Support max 4 channels parallel mode. Pulse and SIM tests will be disabled in channels parallel mode.			
3. Power grid side	parameters				
1.Input power		AC380V±10% 50/60±5Hz			
2.Power factor		≥99%(Full load)			
3.THDi		≤5%(Full load)			
4.Input resistance		≥1MΩ			
5.Input power		444.4KW			
6.Input current		675.3 A/single			
7.Overall system efficiency(Max)		94%			
8.Noise		≤75dB			
9.Voltage and current sampling		Four-wire connection(same port for charging and discharging)			
10.Power control module type		IGBT			
11.Input power wiring method		Three-phase-four wire system			
12.Power input protection		Anti-surge, anti-silos, anti over or under frequency, anti over or under voltage, anti phase absence, etc.			
4. Functions and p	erformances	,			
	Output range	Charge:0V~1000V			
1. Voltage		Discharge:30V~1000V			
	Min discharge voltage	30V			



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	Accuracy	±0.02% of FS		
	Resolution	24bit		
	Resolution	240lt		
2. Current 3. Power	Output range	2A~400A		
	Accuracy(independe nt range)	±0.05% of FS		
	CV cut-off current	400mA		
	Resolution	24bit		
	Single channel	400KW		
	output power	400KW		
J. Tower	Whole machine	400KW		
	output power	1001277		
	Current response time	≤5ms		
4. Time	Current conversion time	≤10ms		
	Min. step time	0.1s		
	Charge/Discharge	CCC, CVC, CC-CVC, CPC		
5. Charge/Discharge modes	modes	CCD, CVD, CPD, CRD		
	Cut-off condition	Voltage, Current, ΔTime, Capacity, -ΔV		
	Charge	Current, Power		
	Discharge	Current, Power		
6. Simulation	Switch	Support continuous switching between charge and discharge		
	Cut-off condition	Time, step line		
	Steps file lines	1,000,000		
	Charge	Current, power		
	Discharge	Current, Power		
	Min pulse	100ms		
7. Pulse Mode	Pulse counts	Up to 32		
, Table Mede	Charge and discharge switch	supported		
	Cut-off condition	Voltage, ΔTime		
8. DCIR		DCIR by calculation		
8. DCIR	Software protection	Power off data protection		
		Offline mode function		
		Safety protection conditions can be set,		
O Cafalry mustastica		including:voltage lower limit, voltage upper		
9. Safely protection		limit ,current lower limit ,current upper limit ,delay		
		time, etc.		
	Hardware protection	Anti-reverse connection, over-voltage, over-current, over-temperature, etc.		
5. Data management and analysis				
Step setting method		Form editing		
1				



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	Recording	Minimum time interval: 10ms(connected with AUX
		channel:100ms)
2. Data report	conditions	Minimum voltage interval: 2V
		Minimum current interval: 0.8A
	Recording frequency	100Hz(connected with AUX channel:10Hz)
3. Database		MySQL database
4. Data output		Excel, Txt
5. Curve type		Templates available, customization supported
(D 1		Support bar-code scanning function
6. Bar code scanning		Management and traceability of historical data
6. Communication	1	
Host computer communication		TCP/IP protocol
Communication port		Ethernet
3. Communication baud		
rate of the testers		1M
4. Host computer		10M~100M adaptive
communication baud rate		•
5. Communication setup		Set up a LAN(local area network) through switches and routers
6. Communication expansion(optional)		Support CAN, RS485 communication and BMS communication, with DBC configuration function
7. Environmental	requirements, di	mension and weight
Operation environment temperature		-10°C~40°C(When the temperature is 25±10°C, the accuracy error caused by temperature change is less than 0.005% of FS per degree)
2. Storage environment temperature		-20°C~50°C
3. Operation environment humidity		≤70% RH(no moisture condensation)
4. Storage environment humidity		≤80% RH(no moisture condensation)
5. Dimension W*D*H		/
6. Weight		/
7. Tester Picture(Pictures just for reference)		

Email:



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Sale rep:



8. Auxiliary test system(optional)

Temperature aux channels	Temperature range	Thermistor: -30°C~120°C	
		Thermocouple: -200°C~260°C	
	Temperature accuracy	±1°C (Length within 2m)	
	Temperature resolution	0.1°C	
2. Voltage aux channels	Voltage range	0V~5V	
	Voltage accuracy	±0.1% of FS	
	Voltage resolution	0.1mV	
3. Aux Introduction	It is used to monitor the temperature of the battery surface or the tabs during		
	the test. The aux test data can be bound with the main voltage and current data.		
	At the same time, the measured temperature can be used as the control		
	condition and protection condition of the test profiles.		