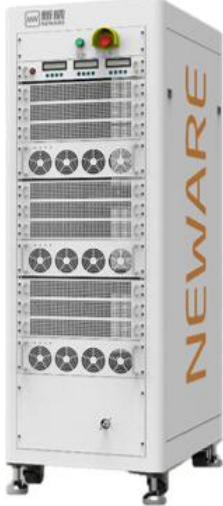


BTS-100V50A Battery Testing Equipment

Equipment Model : BTS-100V50A Battery Testing Equipment

Equipment Item Code: CE-6008-100V50A

Battery Side Parameters		
Rated Power	51 KW	
Voltage Range	10~100V	
Per Channel Current Range	0.1~50A	
Per Unit Main Channels No.	8	
Voltage	Dual Range (FS)	50V
		100V
	Resolution	AD:16bit
	Accuracy	±(0.02% of FS+0.02% of RD)
Current	Dual Range (FS)	15A
		50A
	Resolution	AD:16bit
	Accuracy	±(0.05% of FS+0.05% of RD)
Power Accuracy	±0.2% of FS	
Charge/Discharge mode	CC,CV,CCCV,CP,Pulse,Driving Cycle Simulation	
Current Switch Time (-90% to 90% Load)	≤10ms	
Current Response Time (10% to 90% Load)	≤5ms	
Current Ripple Noise	<0.5%FS	
Temperature Coefficient (Voltage/Current)	<50 ppm/°C	
Data Record Frequency	10Hz	
Charge/Discharge Efficiency	>85%	
Grid Side Parameters		
Rated Grid Voltage	380/400/415Vac	
Voltage Range	323~437Vac	
Frequency Range	50/60±5Hz	
Current Harmonics	<5%@380Vac,full load	
Power Factor	0.99@380Vac,full load	
Wiring Mode	3W+PE	

Environment	
Working Temperature Range	-10°C ~+45°C
Storage Temperature Range	-20°C ~+50°C
Cooling Method	Force-air cooling
Noise(more than 3m)	≤65db
Maximum Allowable Altitude	3000m
Relative Humidity Range	5%~95% (no moisture condensation)
Picture and Dimension	
Tester Picture (for reference only)	
Dimensions (W*D*H) (mm)	600*1800*800mm
Weight	320KG
Protection Level	IP20
Communication	TCP/IP
Communication port	Ethernet port