

HVPT-(A)B/N-600			
Parameters (600V Pack Series)			
AC Parameters			
Mains Connection	Three-phase five-wire control	Input Voltage	380VAC ±10%
Input Frequency	50Hz ±2Hz	Power Factor	>0.99
Energy Feedback	Available	Conversion Efficiency	92% (peak value)
Regenerative Efficiency	92% (peak value)	Total Harmonic Distortion(THD)	<5%
DC Parameters			
Voltage	Range	600V (Discharge minimum voltage: 40V, supports 0V or negative voltage)	
	Accuracy	±0.05% F.S. / ±0.02% F.S.	
	Resolution	0.1mV	
Current	Range	±300A	±600A
	Accuracy	±0.05% F.S. / ±0.02% F.S.	
	Resolution	0.1mA	
Channel Power	300kW / 400kW / 500kW		
Number of Channels (Full Cabinet)	4	2	
Channel Parallel Connection	Support lossless parallel connection of any channel in the cabinet, and the serial and parallel models support one-key serial/parallel connection		
Current Response Time	≤3ms (10%~90% F.S.)		
Current Switching Time	≤5ms (-90%~90% F.S.)		
Minimum Pulse Width	20ms		
Testing Functions			
Charge and Discharge Mode	Constant current charging, constant voltage charging, constant current and constant voltage charging, constant power charging, constant current discharge, constant voltage discharge, constant power discharge, constant resistance discharge, constant current pulse, constant current ramp, pulse working condition, etc.		
Data	Recording Frequency	100Hz (10ms)	
	Recording Conditions	Time (Δt), voltage (ΔV), current (ΔI), etc.	
External Interface	Supports data logger, Climate chamber, etc.		
Communication Method	Ethernet		
General Parameters			
Protection Level	IP20		
Operating Temperature	0°C - 45°C		
Operating Humidity	<90% RH (non-condensing)		
Device Noise	≤75dB		
Cooling Method	Forced air cooling		