

**BMTer-(A)B/N-150/200/250/300**

Parameters (150V/ 200V/ 250V/ 300V Module 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	150V / 200V / 250V / 300V (Discharge Min: 15V, supports 0V or negative voltage)		
	Accuracy	±0.05% F.S. / ±0.02% F.S		
	Resolution	0.1mV		
Current	Range	±300A	±600A	±1200A
	Accuracy	±0.05% F.S. / ±0.02% F.S.		
	Resolution	0.1mA		
Channel Power		120kW / 240kW / Customized Power		
Number of Channels (Full Cabinet)		2 / 4 / 8	2 / 4	1 / 2
Channel Parallel Connection		Supports arbitrary 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 resistance 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 collection, temperature sensors, external device connection		
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