

**BMTer-(A)B/N-60/100**

Parameters (60V/ 100V 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	90% (peak value)
Regenerative Efficiency	92% (peak value)	Total Harmonic Distortion(THD)	<5%

**DC Parameters**

Voltage	Range	60V (Discharge minimum voltage: 10V, supports 0V or negative voltage)			100V (Discharge minimum voltage: 10V, supports 0V or negative voltage)		
	Accuracy	±0.05% F.S. / ±0.02% F.S.					
	Resolution	0.1mV					
Current	Range	±100A	±200A	±300A	±100A	±200A	±300A
	Accuracy	±0.05% F.S. / ±0.02% F.S.					
	Resolution	0.1mA					
Channel Power		6kW	12kW	18kW	10kW	20kW	30kW
Number of Channels (Full Cabinet)		8	4	4	8	4	4
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 interval)					
	Recording Conditions	Time (Δt), voltage (ΔV), current (ΔI), etc.					
External Interface		Supports data collection, temperature sensors, and other external triggers via LAN 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