



Magic - ZBox100

The ZBox100 system is designed for high voltage battery systems for outdoor use, with industrial air conditioning to regulate the system temperature and keep the system in the right temperature range. It has the ability to charge and discharge at a 1C multiplier. More suitable for small and medium-sized industrial and commercial applications. For example, to increase solar energy self-consumption, to provide backup power.



Economical & Efficient

- High energy efficiency
- Pre-assembled, transportation of complete
- High-efficiency heat dissipation, increase battery life and system discharge capacity



Real-time monitoring and control

- 7*24h Real-time remote and local monitoring and control
- Intelligent early warning, regular automatic safety checks, and elimination of hidden dangers



Safety & Reliable

- Multi-stage overcurrent breaking, no blind spot for electrical protection
- Integration of fire protection, a full range of multiple fire protection, to prevent fire
- explosions
- Waterproof and anticorrosive, cabinet IP55 level protection, outdoor multi-environmental application, 15 years of reliability



Model	Magic-ZBox100			
	50KWh	70KWh	80KWh	100KWh
Battery Parameter				
Cell Type (Ah)	LFP100			
Battery Module Rated Voltage	51.2V			
Battery Module Energy (Wh)	5120			
Rated Voltage (V)	512	716	409	512
Voltage Range (V)	448-576	627-806	358-460	448-576
Rated Energy (kWh)	51	71	81	102
Recommend Charge/Discharge Current (A)	50/50		100/100	
Max. Continuous Charge/Discharge Current (A)	100/100		200/200	
General Parameter				
IP Rating	IP55			
Anticorrosion Grade	StandardC4			
Cooling Mode	HVAC			
Operating Temperature (°C)	-20- 50			
Operating Humidity	0%-95%R.H			
Elevation (m)	<2000			
Fire Fighting	Integrated			
Dimension(W*D*H) (mm)	1200*900*2060			
Total Weight (kg)	760	940	1070	1230
Communication Port	CAN, RS485, ETH			
Parallel	Max. 2 cabinets			
Compliance				
Certification	IEC62619, ICE61000			