



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					