All In One Battery Storage Cabinet

LEOCH BATTERY

Photovoltaic Energy Storage

Wind Power Energy Storage

Industrial And Commercial Application

Rural Areas Without Electricity

Product Feature

Flexible configuration

- All in one design， high integration
- Compact size,high power density

High efficiency and stability

- Max.system efficiency 90%
- High-efficiency three-level topology

Optimal algorithm

- Optimal Compatibility Design of PCS and cell cluster voltages
- On-demand deployment with automatic peak-load and valley- filling operation

Safety and reliable

- Support coordination of BMS and EMS
- System multiple classes protection

All In One Battery Storage Cabinet

AC parameter	
Rated AC power	100kW
Wiring connection	3P3W
AC overload capacity	110kW
Allowable grid voltage	380/400 (-15%~10%)Vac
Allowable grid freq.	50/60 (-2.5~2.5)Hz
Total current harmonic distortion rate	≤3%
Power factor	0.99/-1~1
Battery side parameter	
Cell type	LFP 280Ah
Battery system configuration	1P224S
Rated voltage	716.8V
Battery voltage range	627.2~795.2V
Battery energy	200kWh
System parameter	
Noisy	＜75dB
Protection rate	IP54
Allowable environment temp.	-20~60°C
Cooling method	Fan
Allowable humidity	0~95% (No condensation)
Cabinet size(WxHxD)	1700*2200*1000 mm
Allowable Altitude	3000m (derated over 3000m)
Cabinet weight	3.5tons
Max.system efficiency	90%
Communication parameter	
Comms.interface	RS 485，Ethernet，CAN
Comms.protocol	Modbus TCP/RTU，CAN2.0

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