

ZEPPELIN

ZPB 3.4

ENERGY STORAGE SYSTEM



TECHNICAL SPECIFICATIONS

MODEL		
ZPB 3.4		
Electrical Parameters		
Cell Type	Ah	LFP-300
Cell Cycle Life		>8000
Rated Voltage of Single Cell	Vdc	3.2
Pack Configuration		1P44S
Rack Configuration		1P220S
System Configuration		1P220S
System Nominal Energy	kWh	3421 2660
System Rated Voltage	Vdc	1267.2
System Voltage Range	Vdc	990~1445.4
System Output Voltage	Vac	/
System Rated Power	kW	1710.5
Charge / Discharge Rate	°C	0.5P@25
Components		
PCS		Not Integrated
High Voltage Box		Integrated
Confluence Cabinet		Integrated
Monitoring System (HMI)		Integrated
Fire Suppression System		<ul style="list-style-type: none">» Explosion-proof exhaust and ventilation» Temperature/Smoke/Combustible gas detection» PACK-level submerged fire extinguishing» Aerosol/FK-5-1-12» Water sprinkler system
Thermal Management System		<ul style="list-style-type: none">» Integrated Liquid Cooler(40kW cooling capacity)» Air-Cooling for Container
EMS		Not Integrated
BMS		Integrated

Specifications provided are preliminary and subject to change.

TECHNICAL SPECIFICATIONS

Conditions		
Storage Temperature	°C	-30~60
Working Ambient Temperature	°C	-30~45(>45 Derating)
Working Relative Humidity	%	0~95(Non-condensing)
Working Altitude	m	<3000(>: 3000 Derating)
Other Parameters		
Max. parallel number		/
Ingress Protection		IP54
Communication Interface		CAN, RS485, Ethernet
Communication Protocol		CAN,Modbus-TCP/IP, Modbus RTU, IEC104
Dimensions (L×W×H)	mm	6058×2438×2896 (20ft Container)
Weight	T	≈37

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