

HZS-H系列储能系统

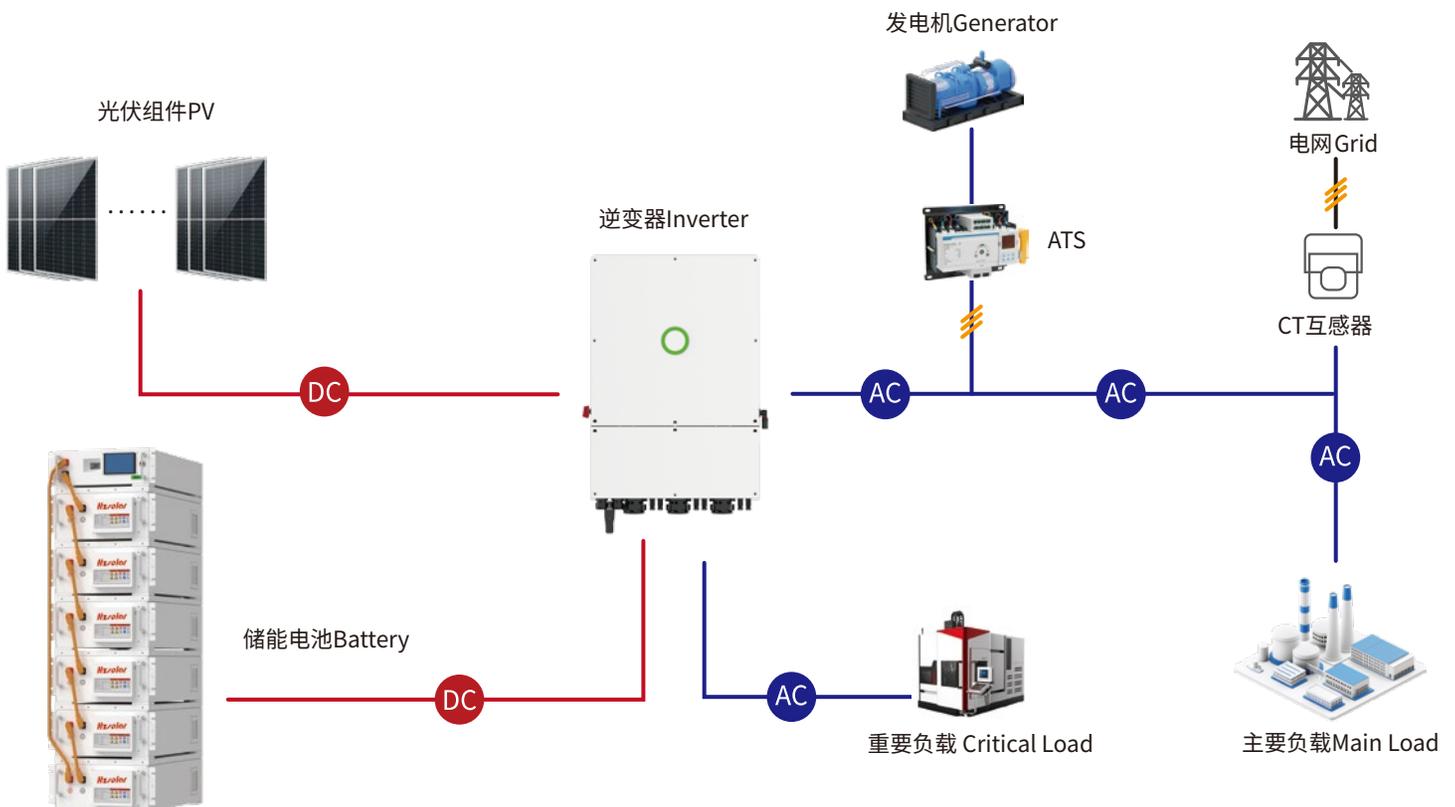
HZS -H Series Energy Storage System

Hizolor 索乐光电



This air-cooled DC energy storage cabinet offers a cost-effective solution for small and medium-sized industrial and commercial applications. Featuring high-safety lithium iron phosphate cells in innovative configurations (1P18S×6, 1P18S×8, 1P18S×10, 1P18S×12), it delivers extended lifespan through compact design with minimal footprint, enabling flexible indoor deployment. Compatible with mainstream inverters, the unit comes standard with WiFi remote maintenance interfaces and communication ports (RS485/TCP/CAN), significantly reducing installation and long-term operation.

产品方案 Product Program



规格型号 Model	HZS-H30-108	HZS-H50-144	HZS-H50-180	HZS-H50-216
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光伏输入(推荐) PV Input(Recommended)

最大光伏功率 Max PV power	60kW	100kW		
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产品指标 Product Indicators

逆变器参数 Inverter Parameter

额定功率 Rated Power	30kW	50kW		
额定交流输出电压范围 Rated AC Output Voltage/Range	3+N+PE,380/400VAC	3+N+PE,380/400VAC		
额定输出频率范围 Rated Output Frequency/Range	50 Hz: 45-55; 60 Hz: 55-65	50 Hz: 45-55; 60 Hz: 55-65		
电池最大充放电电流 Battery Max. Charging/Discharging Current	150A	150A		
电池电压范围 Battery Voltage Range	180-800VDC	180-800VDC		
额定电网交流输入电压 Rated AC Input(On grid)Voltage	3+N+PE 380/400/415VAC	3+N+PE 380/400/415VAC		
额定电网输入频率 Rated Input(On grid)Frequency	50Hz,60Hz	50Hz,60Hz		

产品指标 Product Indicators

电池参数 Battery Parameter

电芯类型 Cell Type	LFP314Ah			
配置 Configuration	1P18S*6	1P18S*8	1P18S*10	1P18S*12
系统电量 Rated Energy(kWh)	108kWh	144kWh	180kWh	216kWh
额定充放电倍率 Charge/Discharge Rate	≤0.33P			
电芯温差 Cell Temperature Difference	≤5°C			
电芯温升 Cell tem Perature Rise	≤10°C			
标准电压 Nominal Voltage	345.6V	460.8V	576V	691.2V
工作电压范围 Working Voltage	291.6V~388.8V	388.8V~518.4V	486V~648V	583.2V~777.6V
充放电深度 Charge/Discharge Depth	90%DOD (推荐Recommend)			
热管理方式 Thermal Management	风冷Air-cooled			
循环次数 Cycle Life	≥4500times			
柜体尺寸(宽*深*高) Size	PACK:534*780*240mm		高压箱PDU:534*780*170mm	
重量 Weight (Kg)	PACK:125kg		高压箱PDU:25kg	
通讯方式 Communication Mode	RS485、TCP、CAN (推荐Recommend)			
电池防护等级 IP Grade	IP 32			
工作温度 Working Temperature	充电 Charging:0~ +55°C,放电 Discharge:-20~ +60°C			
工作海拔 Altitude Limited(m)	≤3000m			
参照标准 Reference Standard	GB/T36276、IEC62619			
远程运维 Remote Operation and Maintenance	WiFi			