



Efficient and Flexible

Utilizing intelligent liquid cooling to minimize power consumption and extend system life. Enhanced scalability with seamless stack additions



Intelligent and User-friendly

Leveraging big data management, cell status is comprehensively monitored, offering early warnings for potential issues.



Safe and Reliable

Multi-layer insulation for enhanced safety, a three-level short-circuit protection system to minimize risks, and a comprehensive three-level fire protection system for swift suppression of thermal runaway



Easy Maintenance

Automatic rehydration eliminates manual intervention. Fault reporting and SOC calibration to reduce the need for

Technical Specifications

DC side

Battery

Battery Type Configuration 1P384S Rated Capacity (Ah) 280 Battery Capacity (BOL) at DC side (kWh) 344 Rated Voltage (V) 1228.8 Rated Charge (Discharge) Rate 0.5C Operating Voltage Range (V) 1075.2—1382.4 Standard Charge (Discharge) Current (A) Cooling Mode Liquid cooling Coolant Ethylene Glycol: Aqueous Solution (50%: 50%v) Fire Extinguisher NOVEC1230 Fire Safety Equipment Smoke, heat & flammable gas detector Compliance BMS GB/T34131-2017; UL60730	DC side	
Rated Capacity (Ah) Battery Capacity (BOL) at DC side (kWh) Rated Voltage (V) 1228.8 Rated Charge (Discharge) Rate 0.5C Operating Voltage Range (V) 1075.2~1382.4 Standard Charge (Discharge) Current (A) Cooling Mode Liquid cooling Coolant Ethylene Glycol: Aqueous Solution (50%v: 50%v) Fire Extinguisher NOVEC1230 Compliance	Battery Type	LFP (Lithium Iron Phosphate)
Battery Capacity (BOL) at DC side (kWh) Rated Voltage (V) 1228.8 Rated Charge (Discharge) Rate 0.5C Operating Voltage Range (V) 1075.2-1382.4 Standard Charge (Discharge) Current (A) Cooling Mode Liquid cooling Coolant Ethylene Glycol: Aqueous Solution (50%v: 50%v) Fire Extinguisher NOVEC1230 Compliance	Configuration	1P384S
Rated Voltage (V) Rated Charge (Discharge) Rate O.5C Operating Voltage Range (V) 1075.2~1382.4 Standard Charge (Discharge) Current (A) Cooling Mode Liquid cooling Coolant Ethylene Glycol: Aqueous Solution (50%v: 50%v) Fire Extinguisher NOVEC1230 Fire Safety Equipment Smoke, heat & flammable gas detector Compliance	Rated Capacity (Ah)	280
Rated Charge (Discharge) Rate Operating Voltage Range (V) 1075.2~1382.4 Standard Charge (Discharge) Current (A) Cooling Mode Liquid cooling Coolant Ethylene Glycol: Aqueous Solution (50%v: 50%v) Fire Extinguisher NOVEC1230 Fire Safety Equipment Smoke, heat & flammable gas detector Compliance	Battery Capacity (BOL) at DC side (kWh)	344
Operating Voltage Range (V) Standard Charge (Discharge) Current (A) Cooling Mode Liquid cooling Coolant Ethylene Glycol: Aqueous Solution (50%v: 50%v) Fire Extinguisher NOVEC1230 Fire Safety Equipment Smoke, heat & flammable gas detector Compliance	Rated Voltage (V)	1228.8
Standard Charge (Discharge) Current (A) Cooling Mode Liquid cooling Coolant Ethylene Glycol: Aqueous Solution (50%v: 50%v) Fire Extinguisher NOVEC1230 Fire Safety Equipment Smoke, heat & flammable gas detector Compliance	Rated Charge (Discharge) Rate	0.5C
Cooling Mode Liquid cooling Coolant Ethylene Glycol: Aqueous Solution (50%v: 50%v) Fire Extinguisher NOVEC1230 Fire Safety Equipment Smoke, heat & flammable gas detector Compliance	Operating Voltage Range (V)	1075.2~1382.4
Coolant Ethylene Glycol: Aqueous Solution (50%v: 50%v) Fire Extinguisher NOVEC1230 Fire Safety Equipment Smoke, heat & flammable gas detector Compliance	Standard Charge (Discharge) Current (A)	140
Fire Extinguisher NOVEC1230 Fire Safety Equipment Smoke, heat & flammable gas detector Compliance	Cooling Mode	Liquid cooling
Fire Safety Equipment Smoke, heat & flammable gas detector Compliance	Coolant	Ethylene Glycol: Aqueous Solution (50%v: 50%v)
Compliance	Fire Extinguisher	NOVEC1230
	Fire Safety Equipment	Smoke, heat & flammable gas detector
BMS GB/T34131-2017; UL60730	Compliance	
	BMS	GB/T34131-2017; UL60730

GB/T36276-2018; IEC62619; UL1973; UL9540A

frequent inspections and operational shutdowns

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