

GS250-233LS

LIQUID-COOLED



More than 6000 cycle life guaranteed



Heat simulation and the cooling tube design optimization to realize cell temperature difference below 3°C



RTOS and LINUX dual system redundant control to prevent the failure or malfunction of control system



Single cell level fire suppression design to minimize fire risk from cell to system



High scalability up to 10 cabinets in parallel operation



Support Off-grid and On-grid multiple scenario applications



Remote Monitor and Maintenance Platform for preventive maintenance, online system diagnosis and OTA

AC Side

Item	Parameters
Rated Power	250kW
Output Voltage	400 V / 230 V (-15 %~15 %)
Frequency	50 Hz / 60 Hz
Power Factor	-1 ~ 1
Wiring Method	Three - phase Four - wire + PE
Maximum Current	400A
Max. Efficiency	98.5%

DC Side

Item	Parameters
Cell Type	LFP 3.2 V / 280 Ah
Rated Capacity	233kWh
Depth of Discharge	100%DOD
Voltage Range	728 ~ 936 V
Max. Current	340 A
Battery Configuration	166.4V/280Ah(1P52S)
Number of battery packs	5 pcs

System	Parameters
Operating Temperature	-30~55°C(>45°C derating)
Relative Humidity	0~95% , no condensation
Altitude	3000 m , derating required above 2000 m
Communication Method	LAN, 4G(Optional), Wifi(Optional)
Protection Leve	IP55
Anti-corrosion level	C4
Cooling Method	Liquid Cooling
Total Efficiency	> 87.5 %
Fire Protection Method	Single cell perfluoroketone fire suppression + water extinguishing(storage cabinet)
Certification	IEC 62619 , IEC60730-1 Appendix H, IEC61000-6-2 & IEC61000-6-4 , IEC 62477-1 , EN 50549-1(PCS) , C10/11(PCS) , IEC61439-1 & IEC61439-2(Junction Cabinet) , UN38.3
Dimensions (W*D*H)	1000*1400*2280mm
Weight	2350 kG

Manufactory

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