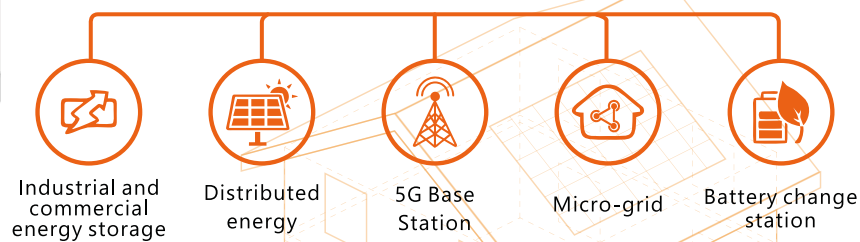




FLS-ES232LC-S 100KW/232KWH Liquid Cooling System 0.5P

Application Scenario



Features



Long Life:
Cycle Life ≥ 6000



High Integration:
All in one Design



High Efficiency:
Battery 94%, System 87%



Easy Mantaince
Self-Diagnosis and Fault Location



Easy Management:
Ready to Work with Auto Switch on Grid / Off Grid Switching



High Safety:
No Parallel, no Circulating Currents, Three Fire Prevention

Specification

Model	FLS-ES232LC-S
DC	
Cell	LFP 280Ah
Voltage	650~949V
Pack Capacity /Arrangement	46.6KWH / 1P52S
Protection	Circuit Braker and fuse
Enclosure Protection	IP67
System Capacity /Arrangement	232.9KWH/1P260S
Nominal Current	140A
Charge/Discharge Rate	≤0.5Cp
DC Efficiency	94%
AC (On Grid)	
Nominal Output Power	100KW
Nominal Input Voltage	AC340V~460V
Power Factor	-0.99~0.99
Nominal Output Current	145A
Nominal Grid Frequency	50Hz/60Hz
Wiring	3P+N+PE(Non isolated)
AC (Off Grid)	
Nominal Output Power	100KW
Nominal Input Voltage	AC400V±3%
THD	Linear Load ≤3%
Nominal Output Current	145A
Nominal Grid Frequency	50Hz/60Hz
Output Wiring	3P+N+PE(Non isolated)
System	
Overall System Efficiency	87%&0.5P (STD)
Communication	LAN, ModbusTCP
Fire Prevention	Pack level FK5112+pack level Aerosol + water
DOD	5~95%
Charging/Discharging Rate	≤0.5Cp
Cooling Power	2.2kW/5.0kW@W18/L35
Cooling	Liquid cooling
Operation Temperature	-20°C~50°C(>45°C derating)
Cabinet Enclosure Protection for Cabinet	IP54
Relative Humidity Range	5~95%RH (no condensing)
Noise	<75dB
Weight	3000KG
Max. Operation Altitude	≤2000M
Size (MM)	1600Lx1400Dx2200H

