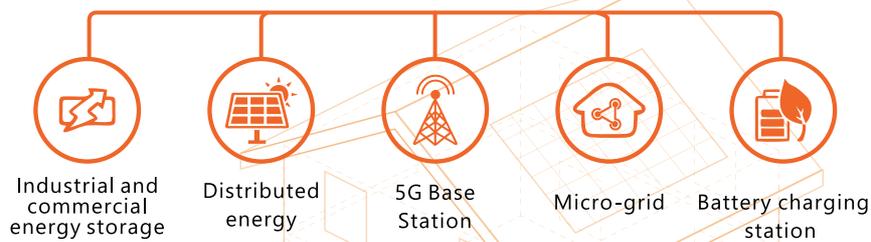




FLS-ES232LC-S
100KW/232KWH
Liquid Cooling System 0.5P

Application Scenario



Features

-  **Long Life:**
Cycle life \geq 6000
-  **Integrated:**
All in one design
-  **High Efficiency:**
Battery 94%, system 87%
-  **Easy Mantaince:**
Self diagnosis and fault location
-  **Easy Manage:**
Ready to work, auto switch on grid / off grid mode
-  **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
Transformer / STS	No isolated transformer / STS inside
Output Wiring	3P+N+PE(Non isolated)
System	
Overall System Efficiency	87%&0.5P (STD)
Communication	LAN, Modbus TCP
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