

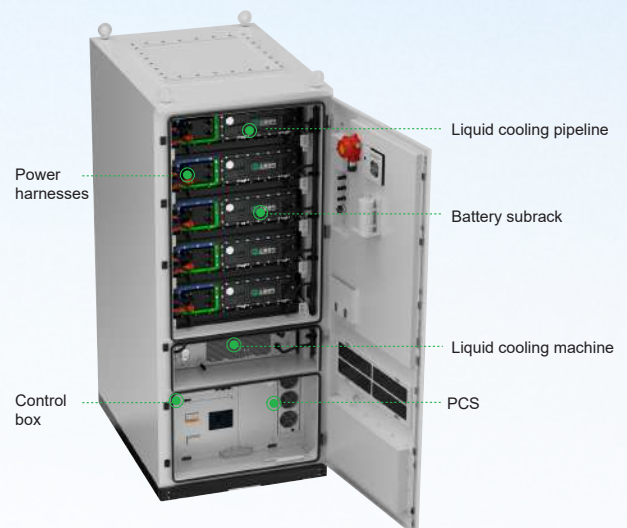
FlexiStore

Commercial and Industrial Energy Storage System F261



INTRODUCTION

The F261 Series commercial and industrial products are cutting-edge AC/DC integrated energy storage solutions meticulously designed by Shanghai Electric for commercial and industrial scenarios. Featuring an integrated design, it supports plug-and-play functionality and enables rapid deployment, allowing for quick installation, commissioning, and operational readiness. Equipped with an intelligent operation and maintenance platform, the system offers real-time remote monitoring, intelligent fault early warning, and automated energy efficiency dispatch. It is fully compatible with diverse applications such as peak-valley arbitrage, PV-storage synergy, demand charge management, and emergency backup. With outstanding advantages in simplified operation and maintenance, high efficiency, energy savings, and flexible capacity expansion, the series empowers enterprises to reduce electricity costs and optimize energy architecture, accelerating the green, low-carbon, and smart energy transformation of industrial parks.



SYSTEM FEATURES



Unattended operation & intelligent operation and maintenance



Plug-and-play & rapid deployment



Seamless switching & backup protection



Excellent electrical performance & ultra-long cycle life



Safety, environmental friendliness & strong adaptability



Comprehensive protection & real-time monitoring

STANDARD SYSTEM PARAMETERS

Product Model	F261-S	F261-I	F261-G	F261-H	F122-Na
Configuration	1P52S×5			1P48S×5	
Discharge Rate	0.5P			1P	
PCS Power	125kW			122kW	
Nominal Energy, kWh	261			122	
Voltage Range, V	728-936			360-840	
AC-side Voltage	AC400V				
AC-side Efficiency	88%				
IP Rating	IP55				
Corrosion-proof Grade	C3-M ^①				
Communication Interfaces	LAN				
Communication Protocols	Modbus-TCP				
Number of Off-grid Parallel Units	Limited to single unit; seamless grid-connected/off-grid switching supported	8 units			
Operating Ambient Temperature	-30°C – +50°C (Derating above 45°C)				
Cooling Method	Liquid cooling				
Fire Protection	Aerosol fire suppression ^②				
Humidity Range	5%–95%				
Altitude	≤3000m				
System Cycle Life	≥8000, 0.5C@25°C 70%EOL			≥6000 ^③	
Dimensions, W×D×H	1.0×1.35×2.35m	1.0×1.35×2.37m		1.2×1.35×2.4m	
Weight, T	~3T				
Product Certification	UL 9540A, UN3480, IEC62619, IEC61000, EN 62477, EN 50549, IEC 63056, GB/T 36276				

Note: The product appearance and parameters are for reference only. The actual products shall prevail.

Note^①: The corrosion protection rating can be customized to meet the standards of different countries/regions.

Note^②: Fire protection for overseas models complies with NFPA-855 standards.

Note^③: Cycle life is subject to actual application scenarios.

APPLICATION SCENARIOS



Zero-carbon Smart Parks



Data Centers



Residential Use



Commercial Complexes



Communication Base Stations



Microgrid



Mining Areas



PV-storage-charging Integration



Emergency Energy Storage Power Supply



Urban Rail Transit