

LONGi

Hi-MO One Pro

Proven operational safety through predictive cell-level monitoring |



FLEXIBLE EXPANSION AND O&M

- Supports "1+1" x capacity expansion
- Meets 2-24 hour LDES requirements
- Automatic isolation of faulty battery clusters



INTELLIGENT MANAGEMENT

- Automatic fire switch-out for faulty battery clusters
- Automatic switch-in for expanded battery clusters
- Built-in energy management system (EMS)



MULTI-ENERGY SYNERGY

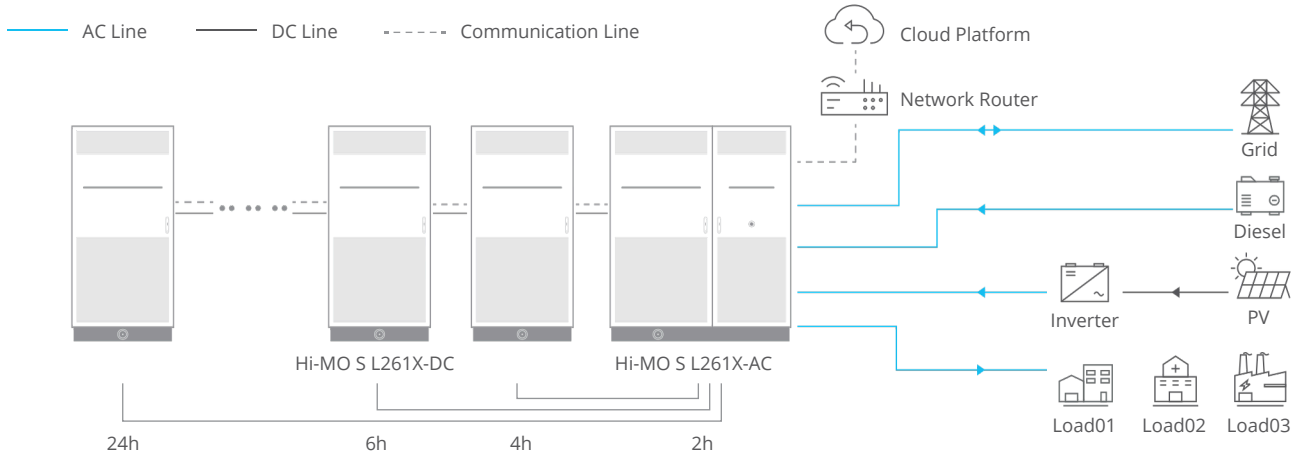
- PV, diesel generator, storage and grid integration
- Resolves the intermittency challenges of renewable energy



SAFE AND RELIABLE

- Multi-stage active fire detection and suppression
- 3-level BMS for cell and system monitoring and protection
- High-level cybersecurity

SYSTEM DIAGRAM



PRODUCT SPECIFICATIONS

Model		Hi-MO S L261X-AC	
DC Side			
Cell type	LFP		
Cell capacity	314Ah		
Rated energy	261.24kWh		
Nominal voltage	832V		
AC Side		PCSx1	PCSx2
Rated power	125kW	250kW	
Max. output power	137.5kW	275kW	
Rated grid current	180A	360A	
Rated voltage	400V		
Rated grid frequency	50Hz		
Max. power (from PV-AC coupling)	250kW		
Max. power (from diesel)	400kVA		
Max. power (from grid)	400kVA		
Max. load (output)	250kVA		
General Data			
Weight			
Dimensions (WxDxH)	4511kg		
Operating altitude	1900×1600×2350mm		
System ingress protection rating	≤2000m		
Operating temperature	IP55		
Cooling method	-30 ~ 55°C (>50°C derating)		
	Liquid Cooling (PACK); Air Cooling (PCS)		
Standard Compliance			
Standard	IEC/UL 60730, IEC 62619, IEC 63056, EN/IEC 62477, IEC 62040, EN/IEC 61000, UN 38.3, UN 3480		

Model		Hi-MO S L261X-DC	
DC Side			
Cell type	LFP		
Cell capacity	314Ah		
Rated energy	261.24kWh		
Nominal voltage	832V		
AC Input (Auxiliary Power)			
Rated voltage	230V		
Rated grid frequency	50Hz		
General Data			
Weight Dimensions (WxDxH)	2752kg		
Operating altitude	1065×1600×2350m		
System ingress protection rating	m ≤2000m		
Operating temperature	IP55		
Cooling method	-30 ~ 55°C		
Standard Compliance	Liquid Cooling		
Standard	IEC/UL 60730, IEC 62619, IEC 63056, EN/IEC 62477, IEC 62040, EN/IEC 61000, UN 38.3, UN 3480		