



| Multi-Function C&I LDES Solution |

Hi-MO One Pro



FLEXIBLE EXPANSION AND O&M

- Supports "1+11"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

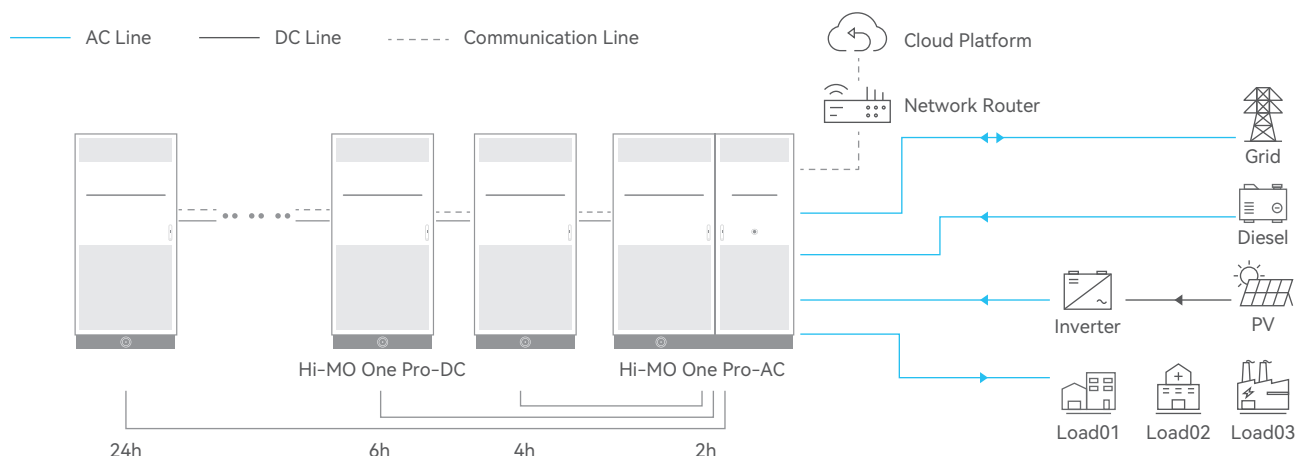
- PV, diesel generator, storage and grid integration
- Resolves the intermittency challenges of renewable energy



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 One Pro-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	4511kg		
Dimensions (W×D×H)	1902×1600×2351mm		
Operating altitude	≤2000m		
System ingress protection rating	IP55		
Operating temperature	-30 ~ 55°C (>50°C derating)		
Cooling method	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 One Pro-DC	
DC Side	
Cell type	LFP
Cell capacity	314Ah
Rated energy	261.24kWh
Nominal voltage	832V
General Data	
Weight	2752kg
Dimensions (W×D×H)	1068×1600×2351mm
Operating altitude	≤2000m
System ingress protection rating	IP55
Operating temperature	-30 ~ 55°C
Cooling method	Liquid Cooling
Standard Compliance	
Standard	IEC/UL 60730, IEC 62619, IEC 63056, EN/IEC 62477, IEC 62040, EN/IEC 61000, UN 38.3, UN 3480