



| 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

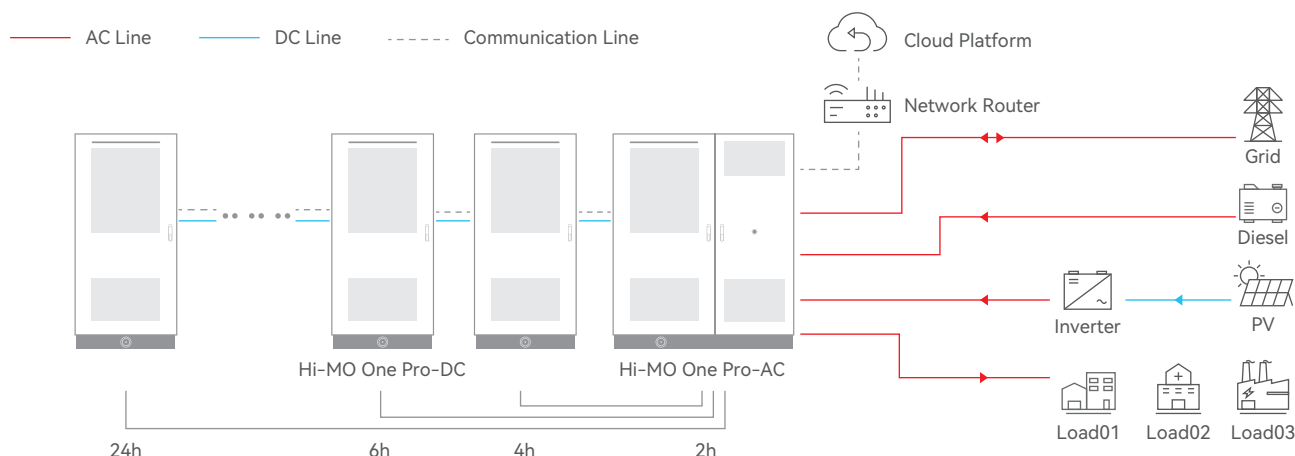
- PV, diesel generator, storage and grid integration
- Resolves the intermittency challenges of renewable energy



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 (MAX)	4511kg	
Dimensions (W×D×H)	1902mm×1600mm×2351mm	
Operating altitude	≤2000m	
System ingress protection rating	IP55	
Operating temperature	-30 ~ 55°C (>50°C derating)	
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	

Model	Hi-MO One Pro-DC
DC Side	
Cell type	LFP
Cell capacity	314Ah
Rated energy	261.24kWh
Nominal voltage	832V
General Data	
Weight (MAX)	2752kg
Dimensions (W×D×H)	1068mm×1600mm×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