



| 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

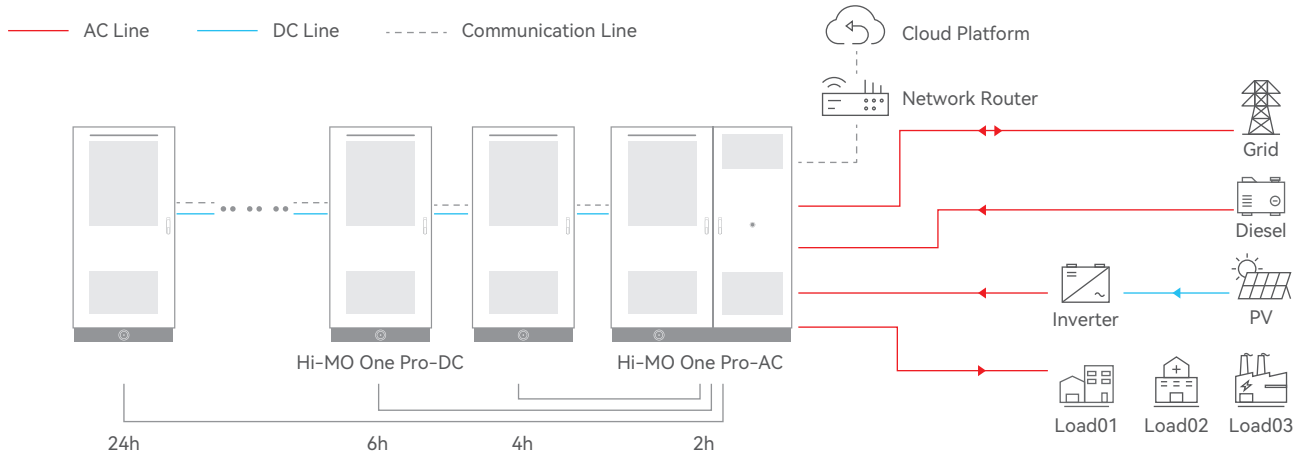
- PV, diesel generator, storage and grid integration
- Resolves the intermittency challenges of renewable energy



## 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	
<b>DC Side</b>		
Cell type	LFP	
Cell capacity	314Ah	
Rated energy	261.24kWh	
Nominal voltage	832V	
<b>AC Side</b>		
	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	
<b>General Data</b>		
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	
<b>Standard Compliance</b>		
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	
<b>DC Side</b>		
Cell type	LFP	
Cell capacity	314Ah	
Rated energy	261.24kWh	
Nominal voltage	832V	
<b>General Data</b>		
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	
<b>Standard Compliance</b>		
Standard	IEC/UL 60730, IEC 62619, IEC 63056, EN/IEC 62477, IEC 62040, EN/IEC 61000, UN 38.3, UN 3480	