

PotisFlexi-L261x

Multi-Function C&I LDES Solution



FLEXIBLE EXPANSION AND O&M

- Supports "1+11" capacity expansion
- Meets 2-24 hour LDES requirements
- Automatic isolation of faulty battery clusters



MULTI-ENERGY SYNERGY

- PV, diesel generator, storage and grid integration
- Resolve intermittency issue of renewable energy



INTELLIGENT MANAGEMENT

- Automatic switch-out for faulty battery clusters
- Automatic switch-in for expanded battery clusters
- Built-in EMS

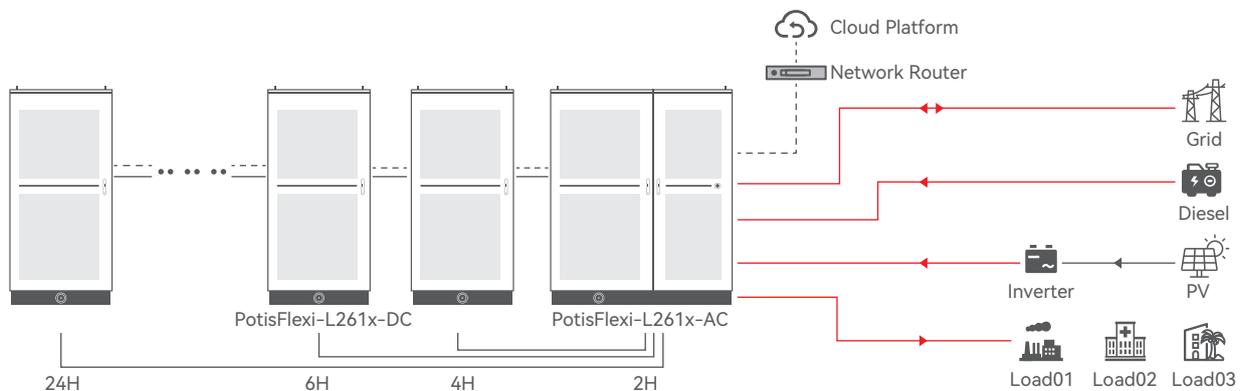


SAFE AND RELIABLE

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

System Diagram

— AC Line — DC Line - - - - - Communication Line



Model		PotisFlexi-L261x-AC	
DC Side			
Cell type	LFP		
Cell capacity	314Ah		
Rated energy	261.24kWh		
Rated voltage	832V		
AC Side		PCSx1	PCSx2
Rated power	125kW	250kW	
Max. output power	137.5kW	275kW	
Rated grid current	180A	360A	
Rated voltage	400V		
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)	1900×1600×2350mm		
Operating altitude	≤2000m		
System ingress protection rating	IP55		
Operating temperature	-30 ~ 55°C		
Cooling method	Liquid Cooling (PACK); Air Cooling (PCS)		
Model		PotisFlexi-L261x-DC	
DC Side			
AC Input (Auxiliary Power)			
Cell type	LFP	Rated voltage	230V
Rated energy	261.24kWh	Grid frequency	50Hz
Rated voltage	832V		
General Data			
Weight	2752kg		
Dimensions (W×D×H)	1065×1600×2350mm		
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, IEC 62477, IEC 62040, IEC 61000, UN 38.3, UN 3480		

*The specifications are subject to change without prior notice.