Hi-MO One MONA

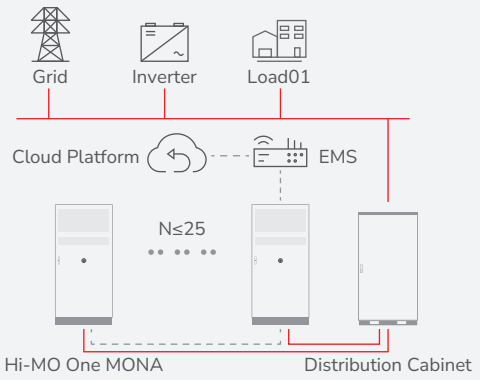
All-in-One Liquid-Cooled C&I Energy Storage System
125 kW/261 kWh



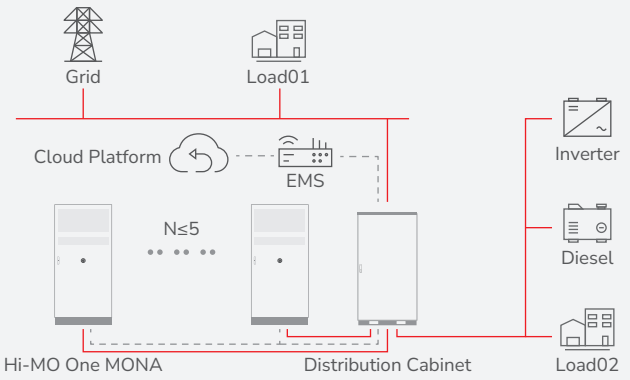
SYSTEM DIAGRAM

AC Line Communication Line

On Grid



On and Off Grid



PRODUCT SPECIFICATIONS

Model		Hi-MO ONE MONA L261-125K
Battery	Battery Type (V/Ah)	LFP 3.2/314
	Battery Pack Energy (kWh)	52.24
	Battery System Energy (kWh)	261
	Operating Voltage Range (V)	728 ~ 936
	Number of Temperature Sensors	150
	Battery Pack Protection Level	IP67
AC	Rated Output Power (kW)	125
	Peak Output Power (kW)	137.5
	Max. AC Input/Output Current (A)	198
	THDi (%)	≤3
	Nominal Voltage (Vac)	400, 3P/N/PE
	Power Factor	>0.99
	Adjustable Power Factor Range	-1 ~ 1 (leading ~ lagging)
	Nominal Frequency (Hz)	50
General	Round Trip Efficiency (%)	≥90.5
	DOD (%)	0 ~ 100
	Cycle Life	≥8000@70%EOL
	Communication Interfaces	Ethernet
	Ingress Protection	IP55
	Corrosion Protection	Standard C4, Optional C5
	Fire Protection	Aerosol
	Cooling Type	Liquid cooling
	Altitude (m)	≤3000
	Operating Temperature (°C)	-30 ~ 55
	Operating Humidity (%)	0 ~ 95 (No condensation)
	Full Power Noise (dB)	<70 @1m
	Dimensions (W×H×D) (mm)	1030×2350×1420
	Weight (kg)	≤2700
	Standard	IEC 62619, IEC 63056,IEC 62040, IEC 62477, IEC 61000, UL 9540A, IEC 62933， CEI 0-21, CEI 0-16, UN 38.3 (keeps increasing)

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