

SET IT. FORGET IT.

Install Once. Relax Forever.



125kVA/261kWh



Compact



Fast &
Hassle-Free Setup



Intelligent
Liquid Cooling



Stackable
up to 1 MWh



Safe &
Intelligent

Specifications	125kVA/261kWh
Battery Data	
Cell type	LFP (LifePO4)
Cell capacity (Ah)	314
Module nominal energy (kWh)	52.25
Packs	260SIP
Rack nominal energy (kWh)	261.25
Rack usable energy (kWh)	261.25
Nominal Voltage (Vdc)	832
Operating voltage range (Vdc)	728 ~ 936
Charge/Discharge rate	0.5P
AC Output Data	
Nominal output power (kW)	125
Max. output (kW)	137.5@400Vac
Nominal output voltage (Vac)	380 / 400, 3P4W+PE
Nominal AC grid frequency (Hz)	50
Max. AC output current (A)	198.5
Power factor	-1 (leading) ~ +1 (lagging)
THDi	≤3% (at rated power)
Protection	
AC Side	Molded case circuit breaker
DC Side	Isolator switch, Fuse isolator switch, Fuse
Fire safety	Aerosol+ water based suppression
AC short circuit protection	Integrated
Environment Conditions	
Operation temperature range (°C)	-30 ~ +50
Derating temperature (°C)	45
Storage temperature (°C)	-20~ +45 (one month); 0~+35 (one year)
Relative humidity	0 ~ 95% (non condensing)
Max. operating altitude (m)	≤ 3000
Physical Characteristics	
Weight (kg)	≤ 3000
Dimensions (W x H x D)	989mm x 2471mm x 1465mm
Noise (dB)	≤70
Ingress Protection	IP54
Anti corrosion	C4
Others	
Cooling method	Liquid cooling
Communication protocol	MODBUS TCP
Communication interface	CAN / Ethernet / 485
Parallel connection	6 units (off-grid), 24 units (On-grid)
Charge/Discharge switchover time	<60ms
Design life	15 years
Standard warranty	5 years
Extended warranty	10 years
Application	Backup power, Demand management, On grid, Peak shaving, Microgrid, Self consumption of PV
Certification	UN38.3, IEC62619, IEC62477, IEC61000, UL9540A