

125kW+261kWh BESS

All-in-one Liquid Cooling

Category	Item	EASS125kW-261kWh
Outdoor Battery Cabinet Parameters	Battery Cell Type	LFP
	Battery Pack Capacity	314Ah
	Battery Configuration	1P260S
	Total Battery Capacity	261kWh
	Rated Voltage	832VDC
	DC Voltage Range	728~936VDC
	Charge/Discharge Rate	0.5C/0.5P
	DoD Circle	> 6000 times
	Rated Power	125kW
	Rated Voltage	400VAC (±15%)
AC Side (On-Grid)	Rated Frequency	50/60Hz (± 2.5Hz)
	Max. THDv	≤3%
	Adjustable PF Range	98.50%
	Over Loading	110.00%
AC Side(Off -Grid)	Rated Voltage	400VAC
	Rated Frequency	50/60Hz
	Max. THDv	≤3%
	Rated AC Output Power	125kW
	Max. AC Output Power	137.5kW
Efficiency	Max. Efficiency	>90%
Protection	Reverse Connection Protection	YES
	DC Switch	YES
	Over – Temp Protection	YES
	Insulation Monitoring (Bat Side)	YES
	DC/AC Surge Protection	YES
	Fire Suppression System	Perfluoro (pack) + Temp sensor + Water distingular (cabinet)
System Parameter	Dimensions (W*H*D)(mm)	1000 x 2350 x 1350
	Weight	≤2500kg
	IP Level	IP54
	Operation Humidity	0%-95%
	Operation Temperature	-30°C- 55°C
	Max. Operation Altitude	<3000m
	Noise Level	75 dB
	Communication Port	Rs485, TCP/IP
	Cooling Method	Liquid cooling
	Standards	IEC 62619, IEC 63056, IEC 62040, IEC 62477, IEC 61000, UN 38.3
	Max. Parallel Quantity (off - grid)	10
	EMS	YES