

Battery Energy Storage System per unit		
System Information	Nominal Power	100kW
	Nameplate Capacity	215kWh
Battery Information	Battery Chemistry	LFP
	Capacity	280Ah
	Configuration	240S1P
	Nominal Voltage	768V
	Voltage Range	672~864V
	Charge and Discharge Rate	≤0.5
	Depth of Discharge	98%
PCS Information	Nominal Power	100kVA
	Operating Mode	Support Grid-Connected & Off-Grid Operation
	Nominal Grid / Islanding Voltage	400Vac
	Power Factor	-1 to 1
	Nominal Grid Frequency	50Hz
	Isolation	No Isolation
	Connection Method	3P4L
Working Conditions	Degree of Protection	IP55
	Noise Emission	≤75dB @1M
	Operating Temperature Range	-25°~45°
	Relative Humidity	0~95% (Non-Condensing)
	Max. Working Altitude	3000m
System Information	Dimensions (W×H×D)	1000×2500×1350mm
	Cooling	Intelligent Liquid Cooling
	PCS Cooling	Forced Air Cooling
	Fire Suppression System	Aerosol
	Communication Protocol	CAN/485zz
	Certification	UL1973, UL9540A, IEC62619, IEC61000, GB/T36276, 62933