261 kWh

SOLAR HYBRID



Liquid-Cooled Solar Hybrid Energy Storage System

Built for factories and commercial sites that want to run on their own solar power. CORE Solar Hybrid stores the solar energy you generate during the day and supplies it when you need it – in the evening, at peak tariff hours, or during a power cut. One cabinet connects your solar panels, the battery and the grid, so you buy less electricity, depend less on diesel, and keep your operations running.

		150 kW	160 kW	200 kW	250 kW
Battery Cabinet	Cell Type	LFP / 314 Ah			
	Pack Configuration	52.25 kWh / 1P52S			
	System Configuration	261 kWh / 1P260S			
	Rated DC Voltage	832 V			
	DC Voltage Range	728–936 V			
	Max. Charge/Discharge Rate	0.5 P			
	Max. Depth of Discharge	100% (25 ± 2°C)			
	Cycle Life	≥ 8,000 cycles			
PV Input	Max. Input Power	150 kW	160 kW	200 kW	250 kW
	PV Voltage Range	150 ~ 950V			
	MPPT	10			
	Max input current	42A*10			
AC Side	Rated Output Power	75 kW	80kW	99.9 kW	100 kW	125 kW
	Rated AC Voltage	415V			
	AC Voltage Range	±15%			
	Grid Type	3W+N+PE			
	Rated Frequency	50 Hz / 60 Hz			
	Power Factor	0.99 ~ -0.8 to +0.8			
	THDi	≤3%			
	DC Ratio	< 0.5% Ipn			
General	Max. Round Trip Efficiency	Liquid cooling + Forced air cooling			
	Communication	Modbus TCP/IP			
	Fire Suppression System	Aerosol			
	Ingress Rating	IP55			
	Cooling	Active liquid cooling			
	Operating Temperature	3000 m (Derating above 2000 m)			
	Anticorrosion Rating	1,500*1,350*2,400 mm			
	Humidity	3,800 kg			
	Altitude	3,800 kg			
	Dimensions (W*D*H)	Foundation - 1,050 *1,350 *2,100 mm		Entire - 1,850*1,3502,100 mm	
	Weight	2,600 kg			