

Turtle CL2.17 Series



The **Turtle CL2.17** is a grid-tied all-in-one containerized energy storage system with **2.17MWh capacity**, **1125kW rated power** and a **400V AC interface**.

It is suitable for C&I energy storage, PV-plus-storage, peak shaving, load shifting and energy cost optimization.

◆ Key Highlights

• Highly integrated design

Integrated PCS reduces onsite installation and wiring work.

• Compact 2.17MWh solution

Suitable for projects with space or budget constraints.

• Safe and reliable

Liquid cooling, fire protection and electrical safety design for stable operation.

• 400V grid-friendly interface

Easy connection to common C&I low-voltage distribution systems.

• Modular PCS architecture

Supports flexible operation and easier maintenance.

◆ Product Parameters

	Model	Turtle CL2.17
DC Side Parameters	Battery Type	LFP 314Ah
	Configuration	2.17MWh/9P240S
	DC Voltage Range	672V ~ 864V
PCS Parameters	Quantity	9
	Power	1125kW
Grid Port	AC Rated Input Power	1125kW
	Rated Voltage	400V, 50/60Hz
Load Port	AC Rated Output Power	1125kW
	Rated Voltage	400V, 50/60Hz
Basic System Parameters	IP Protection Level	IP54 (Battery Compartment)
	Corrosion-proof Grade	C4H
	Cooling Type	Intelligent Liquid Cooling (Automatic Refilling Function)
	Operation Temp. Range	-25°C~55°C
	Working Altitude	≤2000m (>2000m Derating)
	Communication Interface	CAN, RS485, Ethernet
	Dimension(W*D*H)	6058*2438*2591mm
	Fire Satey Configuration	Aerosol Fire Protection, Smoke/Temperature Detection, Explosion-proof Ventilation

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