

Golden Sigma

Outdoor Air-Cooling Cabinet BESS



SU344U170K/SU344U340K

System Controller



Short Circuit Protection



Rack Level Lockable Disconnect



Water-based suppression System



Intrusion Detect System



Fire Detection and Suppression



HIGHLIGHT

- Low Capex
- Plug and Play
- Low Field Labor Cost
- Pre-Populated with Batteries
- Flexible Deployment According to The Site Layout

Technical Specification

Item

Specification

System Model	SU344U170K	SU344U340K
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System Information

Nominal Power	172kW	344kW
Nameplate Capacity	344kWh	

Battery Information

Battery Chemistry	LFP
Capacity	280Ah
Configuration	384S1P
Nominal Voltage	1228.8V
Voltage Range	1075.2~1382.4V

Working Conditions

Degree of Protection	NEMA 3R / IP54
Noise Emission	≤65dB @1M
Operating Temperature Range	-22°F~113°F / -30°C~45°C
Relative Humidity	0~95% (Non-Condensing)
Max.Working Altitude	6,500/2,000m

System Information

Dimensions(W×H×D)	1,300×2,335×1,400
Weight	3,500kg
Cooling	Liquid Cooling
Fire Suppression System	Aerosol
Certificate	IEC62619, UL1973, UL9540A (Pending)

Outdoor Liquid-Cooling Cabinet BESS