

工商业储能系统解决方案

Golden Sigma



SU344U170K/SU344U340K

金盾控制器
System Controller



短路保护
Short Circuit Protection



Rack级可视保护
Rack Level Lockable Disconnect



水消防系统（可选）
Water-based suppression System



入侵检测系统
Intrusion Detect System



灭火系统
Fire Detection and Suppression



HIGHLIGHT

- 低投资
Low Capex
- 即插即用
Plug and Play
- 低现场安装费
Low Field Labor Cost
- 预装电池
Pre-Populated with Batteries
- 灵活布置
Flexible Deployment According to The Site Layout

系统参数 Technical Specification

类目/Item

参数/Specification

系统型号 System Model	SU344U170K	SU344U340K
----------------------	------------	------------

系统信息/System Information

额定交流功率 Nominal Power	172kW	344kW
额定容量 Nameplate Capacity	344kWh	

电池信息/Battery Information

电芯 Battery Chemistry	LFP	
容量 Capacity	280Ah	
配置 Configuration	384S1P	
额定电压 Nominal Voltage	1228.8V	
电压范围 Voltage Range	1075.2~1382.4V	

运行环境/Working Conditions

防护等级 Degree of Protection	NEMA 3R / IP54	
噪音排放 Noise Emission	≤65dB @1M	
运行温度范围 Operating Temperature Range	-22°F~113°F / -30°C~45°C	
相对湿度 Relative Humidity	0~95% (Non-Condensing)	
最大运行海拔 Max. Working Altitude	6,500/2,000m	

系统信息/System Information

尺寸(长×高×宽) Dimensions (W×H×D)	1,300×2,335×1,400	
重量 Weight	3,500kg	
冷却 Cooling	Liquid Cooling	
灭火系统 Fire Suppression System	Aerosol	
认证 Certificate	IEC62619, UL1973, UL9540A (Pending)	

Outdoor Liquid-Cooling Cabinet BESS