

电网测液冷解决方案

Golden Sigma



SU3440U3440K

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	SU3440U3440K
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系统信息/System Information

最大功率 Max. Power	3440kW
额定容量 Nameplate Capacity	3440kWh

电池信息/Battery Information

电芯 Battery Chemistry	LFP
容量 Capacity	280Ah
配置 Configuration	384S10P
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	≤75dB @1m
运行温度范围 Operating Temperature Range	-30~45°C
相对湿度 Relative Humidity	0~95% (No condensing)
最大运行海拔 Max. Working Altitude	6,500' / 2,000m

常规信息/General Information

尺寸 (长×高×宽) Dimensions (W×H×D)	7,250×2,438×2,896
重量 (含/不含电池) Weight(with & without batteries)	38t
电池室冷却方式 Cooling Method of Battery Chamber	Liquid Cooling
灭火系统 Fire Suppression System	FM200 (Novec 1230 optional)
辅助电源 Aux. Power Supply	380VAC 50Hz 3P3L
辅助电源最大电流 Max. Current of Aux. Power Supply	139A
通讯协议 Communication Protocol	Modbus TCP/IP

Outdoor Liquid-Cooling Cabinet BESS