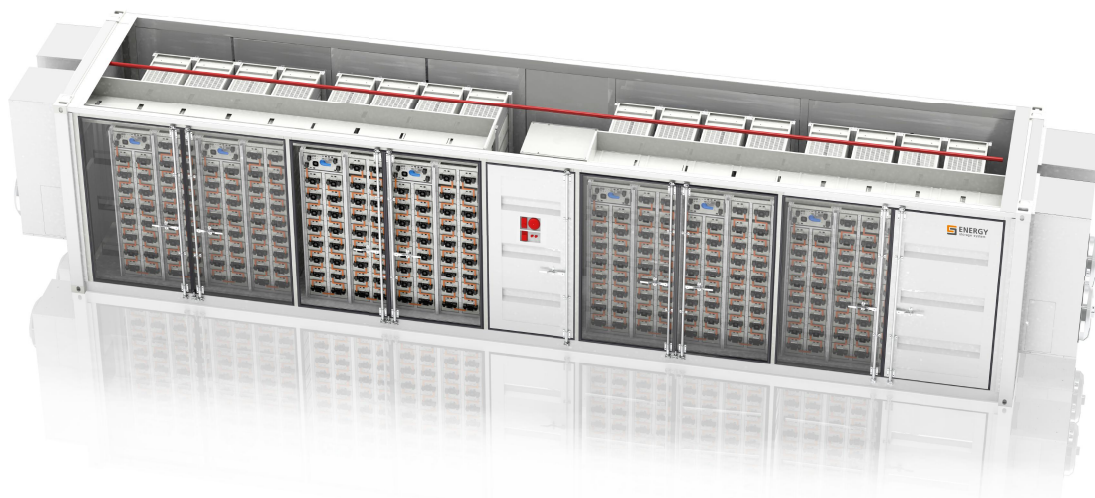


# 大型储能系统解决方案

## Utility Energy Storage System



### 产品特点 / Highlights

- 卓越的热管理  
Superior Thermal Management
- 长循环寿命  
Long Cycle Life
- 多重安全设计  
Outstanding Safety Design

### 系统特征 / System Features



Rack级可视开关  
Rack Level Lockable Disconnect



短路保护  
Short Circuit Protection



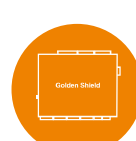
灭火系统  
Fire Detection and  
Suppression



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



入侵检测系统  
Intrusion Detect System



金盾控制器  
System Controller

# 系统参数

## Technical Specification

### 类目/Item

### 参数/Specification

系统型号 System Model	SU4874U2200K	SU4874E2200K
----------------------	--------------	--------------

### 系统信息/System Information

最大功率 Max. Power	2,200kW
额定容量 Nameplate Capacity	4,874kWh
可适配逆变器 Compatible Inverters	PE: FP1700K(K2), FP1770K(K2), FP1875K(K2), FP2125K(K2), FP2180K(K2), FP2235K(K2), FP2285K(K2), FP2340K(K2), FP2550K(K2)(K3), FP2660K(K2)(K3), FP2820K(K2)(K3). SMA: SCS 2500-EV. Sungrow: SC1200UD, SC1375UD, SC1575UD, SC2500U(-MV), SC3150U(-MV).

### 电池信息/Battery Information

电芯 Battery Chemistry	LFP
容量 Capacity	280Ah
配置 Configuration	340S16P
额定电压 Nominal Voltage	1,088V
电压范围 Voltage Range	952 ~ 1,224V

### 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	-22°F ~ 113°F / -30°C ~ 45°C
相对湿度 Relative Humidity	0~95% (不冷凝/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)	40'×9.5'×8' / 12,192×2,896×2,438mm
重量 (含/不含电池) Weight(with & without batteries)	123,500lbs & 26,500lbs / 56t & 12t
电池室冷却方式 Cooling Method of Battery Chamber	HVAC(暖通与空调系统)
灭火系统 Fire Suppression System	FM200 (Novec 1230 可选择的/optional)
辅助电源 Aux. Power Supply	480VAC 60Hz 3P3L   400VAC 50Hz 3P4L
辅助电源最大电流 Max. Current of Aux. Power Supply	60A   72A
通讯协议 Communication Protocol	Modbus TCP/IP
认证 Certificate	UL1973, UL9540A   IEC62619, IEC61000

# Golden Stack