

# Golden Sigma

Outdoor Air-Cooling Cabinet BESS



SU3440U3440K

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	SU3440U3440K

## System Information

Max. Power	3440kW
Nameplate Capacity	3440kWh

## Battery Information

Battery Chemistry	LFP
Capacity	280Ah
Configuration	384S10P
Nominal Voltage	1228.8V
Voltage Range	1075.2~1382.4V

## Working Conditions

Degree of protection	NEMA 3R / IP54
Noise Emission	≤ 75dB @1m
Operating Temperature Range	-30~45°C
Relative Humidity	0~95% (No condensing)
Max.working Altitude	6,500' / 2,000m

## General Information

Dimensions(W×H×D)	7,250×2,438×2,896
Weight(with & without batteries)	38t
Cooling Method of Battery Chamber	Liquid Cooling
Fire Suppression System	FM200 (Novec 1230 optional)
Aux. Power Supply	380VAC 50Hz 3P3L
Max Current of Aux. Power Supply	139A
Communication Protocol	Modbus TCP/IP

## Outdoor Liquid-Cooling Cabinet BESS