

switch

storage solutions



YOUR SOLUTION FOR

Demand Charge Management Reduction

Solar + Storage

Time of Use Management

Ease of Installation

TURNKEY MANUFACTURED

Unit Ships Complete One (1) Day Installation

Indoor OR Outdoor Installation

FEATURES

Turnkey Warranty

Extensive Service Network

Advanced Software Enabled

System Warranty Compliance & Monitoring

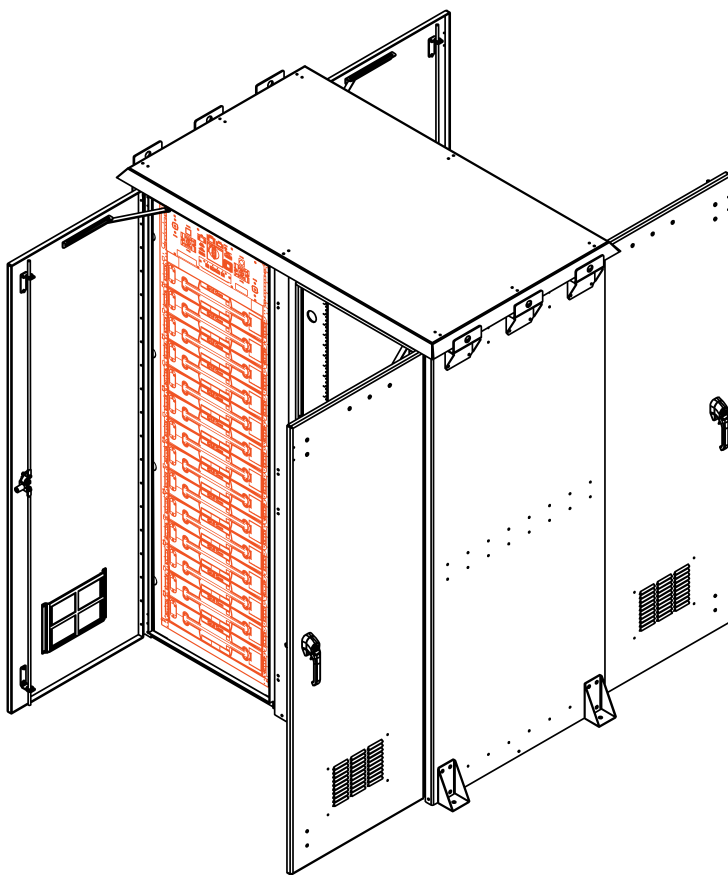
Geli Enabled

SWITCH ENERGY STORAGE

LITHIUM ION BATTERIES. Switch provides contractors and end users a turn-key behind the meter energy storage system fully tested and assembled in our UL 508A manufacturing facility. Switch's Energy storage system is based on Geli's award winning energy management software which provides:

- Demand Charge Management
- PV Self Consumption
- Data Analysis & Reporting
- System Alerts
- SGIP Compliance
- ITC Compliance for Solar + Storage

These racks are housed in Switch's **NEMA 3R Energy Storage Unit (ESU) built to UL 9450.**



Equipment Specifications

Design	Description
UL 1741, IEEE1547a, UL1741SA	Standards for Inverters, Converters, Controllers and Interconnection System Equipment
SunSpec Smart Inverter Features	Models 1, 103, 120, 121, 122, 123, 126, 129, 130, 132, 134, 135, and 136 Supported
CA Rule 21, HECO, PJM Compliant	Yes
UL 1642	Lithium Ion Batteries
UL 9540	ESS System Safety Certification

Electrical Specifications AC



Parameter AC Output	Value
AC Voltage (PCS output)	480 VAC
AC Voltage (external transformer option)	208 VAC
Wiring Configuration	3 wire/PE/N (neutral optional)
Maximum AC Power	30kW charge 20kW discharge
Nominal AC Current	36A
Maximum AC Current	40A

Battery Specifications



LG Chem 65 kWhr
LG Chem 90 kWhr

Mechanical Specifications

Parameter AC Output	Value
Dimensions – ESS Only Not Including HVAC-Inverter	78" H X 59" W X 42" D
Weight	> 2700 lbs.
Lifting Provisions	Fork Lift Rails
Cable Entry	Bottom or Side Entry
Enclosure	NEMA 3R
Front Access Door	Allow for Battery-BPU Replacement

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