

ESSL241-768-05C

液冷一体储能柜

LIQUID-COOLED ESS CABINET



● 简介

ESSL系列液冷产品，核心模块：储能系统、能量管理系统EMS、储能变流器、消防系统、热管理系统等。具备削峰填谷、绿电消纳、电力扩容、需量管理、应急备电等功能。可应用于楼宇、商场、酒店等光储充应用场景。

● 特点

安全可靠

主动安全预警，智能消防温控
多级故障保护，多重防护设计

智慧高效

多种控制模式，系统信息采集
运行数据分析，云端远程监控

灵活便捷

模块化设计，弹性扩容
一体化集成，安装快速
标准化接口，配置简单

典型应用

平衡用电负荷，降低容量电费
实现能源优化，提高绿电收益
降低扩容压力，提升供电可靠性

Overview

ESSL series liquid-cooled products. Its core modules include energy storage system, EMS (energy management system), PCS, fire control system, thermal management system, etc. Equipped with functions of peak load shifting, green power utilization, electricity expansion, demand management, emergency backup power, the products can be applied to building, mall, hotel and other application scenarios of pv, energy storage and charging pile.

Features

Safe and Reliable

Active safety warning, Intelligent fire and temperature control
Multi-level fault protection, Multiple protection design

Intelligent and high-efficiency

Various control mode, System info acquisition
Running data analysis, Remote monitor on the cloud platform

Flexible and Convenient

Modular design, flexible capacity expansion
Integrated design, fast installation
Standard interface, simple configuration

Typical Application

Balance electricity load, reduce capacity charge
Realize energy optimization, improve green power revenue
Reduce expansion pressure, improve power reliability



储能参数 ESS Parameter	标称容量：241kWh	Nominal Capacity: 241kWh
	额定充放电倍率：0.5C	Rated CHG&DSG Ratio: 0.5C
	额定电压：DC 768V	Rated Voltage: DC 768V
	电池电压范围：DC (672~864)V	Battery Voltage: DC(672~864)V
	电芯类型：LFP 314Ah	Cell Type: LFP 314Ah
	电池系统配置：1P240S	System Configuration: 1P240S

交流并网参数 ACGrid- connection Parameter	额定电压：AC230V/400V 3L/N/PE	Rated Voltage: AC230V/400V 3L/N/PE
	电压偏差：-15%~+15%	Voltage Deviation: -15%~+15%
	额定输出功率：100/125kW	Rated Output Power: 100/125kW
	功率因数范围：1（超前）~1（滞后）	Power Factor Range: 1 (lead)~1 (lag)
	额定频率：50/60Hz	Rated Frequency: 50/60Hz

常规参数 General Parameter	冷却方式：液冷	Cooling Method: Liquid-cooling
	消防灭火方式：全氟己酮/气溶胶	Fire Extinguishing Method: Perfluorohexanone/aerosol
	通信方式：RS485/ETHERNET/4G	Communication Method: RS485/ETHERNET/4G
	防护等级：IP54	Protection Class: IP54
	工作温度：(-20~+50)°C	Working Temperature: (-20~+50)°C
	工作海拔：≤2000m	Working Altitude: ≤2000m
	外形尺寸（mm）：1000×1350×2270（L×W×H）	Overall Dimensions: 1000×1350×2270（L×W×H）
	重量：2.5t	Weight: 2.5t

