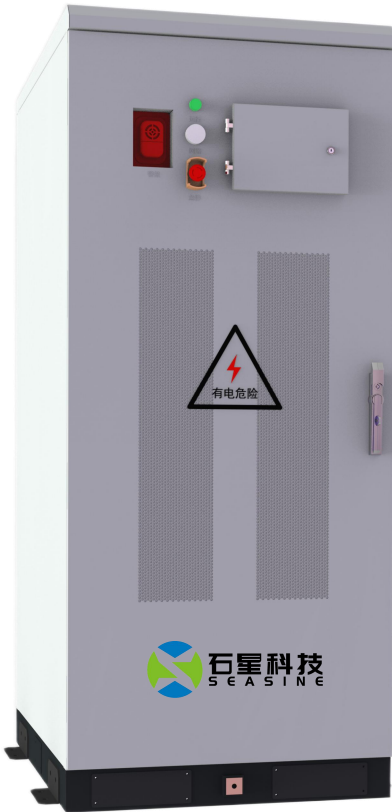




产品概要

PRODUCT OVERVIEW

光储微网汇流柜，支持4路光伏输入，2台125kW的PCS逆变输出，4簇工商业直流侧储能柜的输出汇流，并且提供防雷及过流保护。内配输入断路器、输出断路器、交流防雷器、智能监控仪表（监测系统电压，电流，功率，电能灯等信号），散热系统，EMS管理模块和明显的断电器件，拥有故障告警、故障保护等功能、能可靠分断短路电流，确保系统电气安全。

PV and Energy Storage Microgrid Combiner Cabinet supports 4-channel PV input, 2 sets of 125kW PCS inverter output, and output convergence for 4 clusters of commercial & industrial DC-side energy storage cabinets. It provides lightning protection and overcurrent protection. Equipped with input circuit breakers, output circuit breakers, AC surge protective devices, intelligent monitoring meters (monitoring system voltage, current, power, electric energy and other signals), cooling system, EMS management module and obvious disconnection devices, it features fault alarm and fault protection functions, and can reliably break short-circuit current to ensure the electrical safety of the system.

产品亮点

PRODUCT HIGHLIGHTS



一体化集成设计

All-in-one
integrated design

集光伏 MPPT、PCS 逆变、储能汇流、配电、防雷、散热、EMS 管理于一体，现场安装便捷、系统集成度高

It integrates photovoltaic MPPT, PCS inversion, energy storage convergence, power distribution, lightning protection, heat dissipation and EMS management, featuring convenient on-site installation and high system integration



多路接入能力

Multi-channel
access capability

支持 4 路光伏输入、4 簇储能柜接入、2 路 125kW PCS 输出，适配工商业中大型光储项目

It supports 4-channel PV input, 4-cluster energy storage cabinet connection, and 2-channel 125kW PCS output, suitable for medium and large-scale commercial and industrial PV-storage projects



智能监控与保护

Intelligent Monitoring
and Protection

配备 EMS 显示屏、智能仪表、声光报警、急停按钮，实现电压 / 电流 / 功率 / 电能实时监测与故障主动保护

It is equipped with an EMS display, intelligent meters, audible and visual alarm, and emergency stop button, enabling real-time monitoring of voltage, current, power and electric energy, as well as active fault protection

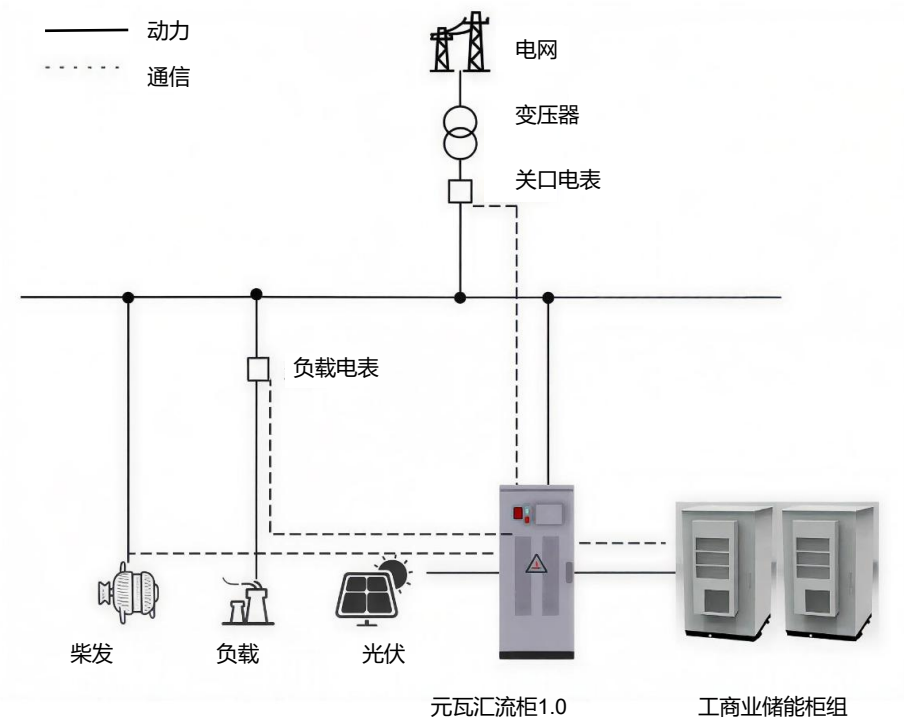


丰富应用功能

Rich Application
Functions

支持削峰填谷、需量控制、防逆流、远程监控、断路器远控与状态检测

It supports peak shaving and valley filling, demand control, anti-backflow, remote monitoring, remote control of circuit breakers and status detection



系统应用拓扑图

交流输入电压	AC400V
电池输入电压	650*950V
光伏输入电压	0-900V
电池运行额定功率	125kW
交流输出额定功率	125kW*2
光伏输出额定功率	63kW*4
元瓦并联输入路数	≤4 (PCS*8)
防护等级	IP54
工作温度	-25℃~60℃
储存温度	-40℃~70℃
海拔	≤2000m
搬运方式	底部叉车孔叉装，底部吊筒吊装
维护方式	前后维护
重量	540kg
尺寸	800*1142*1900mm
保护	过流保护
	过热保护
	断路器检测，远控
其他	支持削峰填谷，需量控制，防逆流等功能

