



250KWH 户外分布式储能系统(液冷)

250KWH OUTDOOR DISTRIBUTED ENERGY STORAGE SYSTEM(LIQUID COOLING)

产品亮点 PRODUCT HIGHLIGHTS



高效液冷

HIGH EFFICIENCY LIQUID COOLING

液冷热管理方式, 极限温差控制, 营造电池舒适运行环境

Liquid coolingcooling method, thermal control , ideal battery operating environment



标准设计

STANDARD DESIGN

模块化设计, 高效集成, 灵活扩容, 运输安装简单便捷

Modual design, intergrated , can be scaled up easily.Easy to transport.



高安全性

SAFE

高品质电池、高安全消防等多重防护, 共同打造高安全产品

High-quality batteries, multiple protections such as high safety fire protection, jointly create high-safety products.



智能高效

EFFICIENT

完善的设备控制及调度策略, 以智能运维实现产品价值最大化

Perfect equipment control and scheduling strategies, to achieve the maximization of product value through intelligent operation and maintenance.



钧灏电力·智能微网

+86 181 6895 7760

info@aipowertec.com

www.aipowertec.com

江苏省苏州市相城区平康路6号

SPECIFICATION PARAMETERS

规格参数

产品型号 Product Type	AI-ES250
电池参数 Battery specification	
电池类型 Battery Type	LFP 3.2V 300Ah
电池成组方式 wiring Type	1P260S(1P52S*5)
电池工作电压 Voltage Range	650~949
系统容量 (kWh) System Capacity	250
电芯循环寿命 Battery Life Cycle	8000 (DOD90%, SOH70%)
交流参数 AC Specification	
额定输出功率 Rated Output Power	100
额定电流 (A) Rated Current	145
最大电流 (A) Max Current	174
额定电压 (V) Rated Grid Voltage	400V, 3L+N+PE
额定电网频率 (Hz) Rated Grid Frequency	50
输出谐波 Harmonic Factor Output Range	≤3% (满载 Full Load)
功率因数 Power Factor Range	-1 ~ +1
隔离方法 Isolation Method	非隔离 Not Isolated
软件功能 Software Function	
削峰填谷 Peak Cut	标配 Standard
并网离网 Utility Grid Connect/Disconnect	标配 Standard
系统参数 System Specification	
产品重量 (kg) Weight	2500±20
产品尺寸 (mm) W×D×H	1000 * 1350 * 2350
接线方式 Wiring Type	下接线 / 3p+N+PE
防护等级 Protection Class	IP55
温度范围 Operating Temperature	-20℃~60℃
湿度范围 Operating Humidity	0~95% 无凝露 No Condensation
冷却方式 Cooling Method	液冷 Liquid Cooling
海拔 (m) Operating Altitude	3000 (>2000降额)
防腐等级 Anti-Corrosion Class	C3
安装位置 Install Location	户外 Outdoor



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