



PowerPLANT series

Outdoor liquid cooled energy storage
Converged cabinet



Ultimate Safety

Battery firewall, partition isolation in the cabinet, safe and reliable
Comprehensive fire, Pack level, cabinet level
active passive fire technology combination
Cloud edge end collaboration, 3S deep coupling, real-time detection



Revenue Changhong

Preferred battery, select the first-line brand lithium iron phosphate battery
Variable frequency liquid cooling, the temperature difference in the cabinet is less than 3°C, the life of the cell is increased by 30%
Overall delivery, factory prefabrication, All-in-One integrated delivery, reduce the initial investment of more than 20%



Easy station construction

Far East star service, technical experts to provide a variety of exclusive technical services
Remote inspection, independent EMS multi-port customized real-time monitoring
Environment friendly, IP54 protection level, meet the outdoor -30°C extreme environment use

SYSTEM PARAMETER

Item	PowerPLANT 230 PLUS
Inverter	
Rated AC power	100kW
Rated AC current	144A
Rated AC voltage	3W+PE, 400Vac
THDI	< 5% (Rated power)
THDU	< 3% (Linear loads)
Battery	
Cell type	LiFePO4
Nominal energy	232.96kWh
Nominal capacity	280Ah
Rated voltage	832Vdc
Operating voltage range	650Vdc~959Vdc
Maximum charge-discharge rate	0.5P@25°C
Cycle life	> 8000@25°C@0.5C
System	
Communication	RS485, CAN, Ethernet
Cooling method	Liquid cooling
Firefighting	Pack+ cabinet- level detection inhibition: Suppression medium: aerosol (standard) / perfluorohexanone (optional)
Operation Altitude	< 4000m (More than 2000m derating)
Protection level	IP54
Dimensions(W*D*H)	1375*1350.5*2050 mm
Weight	≈2.5T
Safety Pregulation,EMC	IEC62619/CE/UL1973/UL9540A/UN38.3/RoHS/IEC 61000-6-2: 2019/EN IEC 61000-6-4: 2019/EN 62109-2: 2011/EN 62109-1: 2010/IEC 62109-2: 2011/IEC 62109-1: 201

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Sales Office
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Frankfurt, Germany
Milano, Italy

ASIA: Shenzhen&Shanghai, China

Service Center & Warehouse
EUR: Rotterdam, Netherland
Frankfurt, Germany
Fermo, Italy