

Pi station 230



Introduction

Pytes liquid cooling battery cabinet integrates battery modules with a full configuration capacity of 232.96kWh. And can be widely used in various application scenarios such as generation and transmission grid, distribution grid, new energy plants.

Features

Flexible

- All-in-one design and highly integrated
- Modular design with different optional parts.

Compatible

- Grid-tied
- 400Vac 3P4W
- Optional backup module

Easy-to-Install

- IP54 rated
- Parallel installation back-to-back

Compliance

- Global grid certified & listed
- Compliance with global safety standards.

Technical Specifications

Mode	PI STATION 230
System Specification	
Battery Chemistry	LFP (LiFePO ₄)
Nominal Output Power	105KW
Battery Capacity	232.96kWh
Battery Nominal Voltage	832V
Operating DC Voltage Range	650V-949V(3P4W)
Recommended. Charging/ Discharging Current	140 ^[1]
Fire Fighting System	1.Sensor Tube(NOVEC 1230) 2.Water Fire Fighting System 3.Heat/Smoke/Gas sensor
Cycle life	6000 ^[2]
DOD	90%
Warranty	3 Year Product Warranty, 10 Year Battery Warranty
Communication	
Communication port	CAN, RS485, Ethernet
Communication protocol	ModbusRTU/TCP
Mechanical	
Dimensions(W x D x H)	1000 x 1390 x 2430mm
Weight	2500kg
Cooling System	Liquid cooling
IP protection	IP54
Environmental	
Reactive Humidity	0-95% (no condensing)
Operating Temperature Range	Charge:0~55°C; Discharge:-20~55°C
Altitude	2000m (>2000 derating)
Regulations	
Certification	CELL: IEC62619,UL1973,UL1642,UL9540A PCS: EMCCE-EMCEN61000-6-2:2019; EN61000-6-4:2019 , CE-LVDEN62477-1, EN50549-1:2019+ AC:2019-04 , EN50549-1:2019+PSE:2018-12 , NRS097-2-1:2017 UN38.3
^[1] Charge and discharge current derating will occur outside 5°C and 50°C ^[2] Under test conditions(25 ± 3°C,0.5PEOL80%)	