C&I Energy Storage Solutions

Pi Station 261 EX

Liquid Cooling Outdoor Rated ESS



Introduction

Pytes liquid cooling battery cabinet integrates battery modules with a full configuration capacity of 261.284kWh. 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

- IP55 rated
- Parallel installation back-to-back

Compliance

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

Pi Station 261 EX Specs

Mode	PI STATION 261 EX
System Specificatoin	
Battery Chemistry	LFP (LiFePO4)
Nominal Output Power	125KW
Battery Capacity	261.284kWh
Battery Nominal Voltage	832V
Operating DC Voltage Range	650V-949V
Recommended. Charging/ Discharging Current	157[1]
Fire Fighting System	1.Sensor Tube(Aerosol) 2.Water Fire Fighting System 3.Heat/Smoke/Gas sensor
Cell Cycle life	6000[2]
DOD	90%
Standard Warranty	3 Years Product Warranty, 5 Years Battery Warranty
Premium Warranty[3]	5 Years Product Warranty, 10 Years Battery Warranty
Conmmunication	
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	IP55
Environmental	
Reactive Humidty	0-95% (no condensing)
Operating Temperature Range	-20~55°C
Recommended Cell Temperature Range	Charge:0~55°C; Discharge:-20~55°C
Altitude	2000m (>2000 derating)
Regulations	
Certification	CELL IEC 62619, UL1642, UL1973, UL9540A, UN38.3 PCS **Europe:** CE-LVD-62477, CE-LVD-62109, CE-EMC-61000, EN 50549-1, EN 50549-2, EN 50549-10; **Belgium:** C10/11; **Australia:** AS4777; **Southeast Asia Standards:** IEC61727&62116; **Thailand:** TAI-PEA, TAI-MEA; **Germany:** VDE-AR-N 4105, VDE-AR-N 4110, VDE-AR-N 4120; **Italy:** CEI 0-21, CEI 0-16; **England:** G99-typeA, G99-typeB/C/D, G100; **Finland:** 50549-2/-10+ Finland; **Netherlands:** 50549-2+Netherlands; **France:** 50549-1/-2/-10 +France; **South Africa:** South Africa NRS-097; **Greece:** 50549-1+Greece; **Poland:** 50549-1+Poland typeA, 50549-2+Poland typeB/C/D, PN-EN 50549-2 (dakks); **Denmark:** 50549-1+Denmark; **Czech Republic:** 50549-2+Czech Republic; **Sweden:** 50549-2+Sweden; **Switzerland:** 50549-2/-10+Switzerland; **Austria:** Austria TOR EZA Type A & B; **Hungary:** 50549-2+Hungary; **Spain:** 217001, 217002, NTS631; **Romania:** 50549-2+Romania; **Saudi Arabia:** The Saudi Arabian; **Slovenia:** 50549-1-2+Slovenia; **Estonia:** 50549-1-2+Estonia; **Ukraine:** 50549-1-2+Ukraine; **Macedonia:** 50549-1-2+Macedonia; **Bulgaria:** 50549-1-2+Bulgaria; **Ireland:** 50549-1-2+Ireland; **Portugal:** 50549-2/-10+Portugal System UN38.3, IEC62619, IEC63056, IEC62477, CE-EMC

[1] Charge and discharge current derating will occur outside 0°C and 45°C.
[2] Under test conditions(20~35°C, 0.5P/0.5P, EOL70%).
[3] Optional Premium Warranty available at an additional cost.