

## Pi station 372



### Introduction

Pytes liquid cooling battery cabinet integrates battery modules with a full configuration capacity of 372.7 kWh. And can be widely used in various application scenarios such as generation and transmission grid, distribution grid, new energy plants.

### Features



#### Accurate

- Excellent Cell Consistency
- Non-destructive Safety Detection Technology



#### Stable & Reliable

- Efficient Thermal Management
- High durability of components



#### Scalable

- Parallel use of multiple systems, covering wide power range



#### Economic

- 90% DOD 6000 Cycles<sup>[1]</sup>
- Calendar Life 10 Years<sup>[2]</sup>



#### Easy Installation

- IP54 Rated Outdoor Cabinet
- Easy Transportation & on-site Installation.

# Technical Specifications

Items	Spec.
Product Model	Pi Station 372
Configuration	1P416S
Rated Voltage	1331.2V
Rated Energy	372.7kWh
Rated Power	186.35kW
Volt range	1164.8V ~ 1497.6V
Weight	3500kg
Dimension	1300mm×1300mm×2316mm
Altitude	≤3000m
Environment Temperature	-30°C~55°C
Environment Humidity	5%~90%RH
Rated Charge Current	140A
Rated Discharge Current	140A
Pulse Charge Current	280A
Pulse Discharge Current	280A
Temperature in Cabinet	-20~50°C
IP Level	IP54
Efficiency	≥92%
Insulation Standard	≥1000Ω/V
Withstand Voltage	No breakdown and flashover
Thermal Management	Liquid cooling/heating
Refrigerating Capacity	8kW@45°C <sub>Et</sub>
Heating Capacity	3kW
Auxiliary Power Supply	Aver:3.35kW Max:5.2kW
Communication Protocol	CAN
Implementation Criteria (cell)	UN38.3, UL1973, IEC62619, UL9540A, GB/T 36276
Implementation Criteria (for system)	IEC62477, IEC62619, IEC 62933-5-2, IEC63056, UL1973, UL9540A, IEC61000-6-2/4, UN3480

[1] Charge and discharge current derating will occur outside 5°C and 50°C

[2] Under test conditions(25 ± 3°C, 0.5P, EOL80%)

## Dimensions

