

Features



Remote Monitoring and Upgrading



Higher Charge/Discharge Rate



Wider Operation Temperature



Higher Energy Density



Greater Scalability

Compatibility List of PYTES ESS and Inverters





































V5° Specs

Electrical

Nominal Voltage 51.2V

Voltage Range 47.5V~57.6V

Nominal Capacity 100Ah Nominal Energy 5.12kWh Recommended Charge/ 75A

Discharge Current[1]

Max Continuous Charae/ 100A

Discharge Current^[2]

Peak Charge/Discharge Current 101A~120A(3min); 121A~180A(15sec)

[1], [2]: The recommended and Max continuous charge and discharge current is for a battery cell temperature within 50°F~104°F to consider. It will result in a derating on current if out of the temperature range.

General

Chemistry LFP

Communication Protocol CAN/RS485

Dimensions (L*W*H) 17.32*20.87*5.51 inch (3.2U)

Weiaht 97lbs

Ambient Temperature 14°F~122°F

Round-Trip Efficiency ≥95%

Cycle Life^[3] ≥6000 cycles

Warrantv 10 Years

[3]: Test conditions 0.2C Charging/Discharging, @77°F, 90% DOD

Add-on Functionalities

WIFI Connection Remote monitoring and upgrade

Heating Pad Temperature Rise: 18°F/h

Operation Temperature: -0.4°F~50°F

Scalability 14 pcs (71.68kWh) in a group

6 groups (430.08kWh) in a system w/a Hub

Certifications (On-going)

UL9540 Ed.2 (2020), UL9540A, UL1973, CEC, SGIP

V5° Enclosure

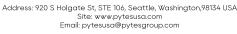








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