







Pytes

V5°α Plus



Features

-  Remote Monitoring and Upgrading
-  Higher Charge/Discharge Rate
-  Wider Operation Temperature
-  Higher Energy Density
-  Greater scalability
-  Triple Safe Protections

Inverter Compatibility List

Main Inverter Partner



V5°α Plus Specifications



Electrical

Nominal Voltage	51.2V
Voltage Range	47.5V~57.6V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Recommended Charge/ Discharge Current	75A
Max Continuous Charge/ Discharge Current	100A
Peak Charge/Discharge Current	101A~120A(3min) ; 121A~200A(15sec)
Integrated Breaker	DC 125V/125A

General

Power Terminal	Amphenol Surlok Plus 8.0mm
Chemistry	LFP
Communication Protocol	CAN / RS485
Dimensions (L x W x H)	19.05 x 22.76 x 5.51 inch (3.2U) / 484 x 578.2 x 140 mm (3.2U)
Weight	100 lbs / 45.34 kg
Operating Temperature	Charge:32°F~131°F/10°C~55°C Discharge:-4°F~131°F/-20°C~55°C
Round-Trip Efficiency	≥95%
Cycle Life	≥6000 Cycles
Warranty	10 Years

Add-on Functionalities

WIFI Connection	Remote monitoring and upgrade
Heating Pad	Temperature Rise: 18°F/h/10°C/h Operation Temperature: -0.4°F~50°F/-18°C~10°C
Scalability	16 pcs (81.92kWh) in a group 6 groups (491.52kWh) in a system w / a Hub

Certifications (On-going)

UL9540 Ed.2 (2020), UL9540A, UL1973, CEC, SGIP, CE, IEC62619, UN38.3

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