Pytes V5°

Features

- Remote Monitoring and Upgrading
- Higher Charge/ Discharge Rate
- Wider Operation Temperature
- Higher Energy Density
- Greater Scalability

Inverter Compatibility List

Main Inverter Partner

Sol-Ark LIMITLESS POWER

victron energy · Schneider Electric · LUXPOWER TEK · MEGAREVO · hoymiles · APsystems · SMA · Solplanet · Voltronic Power

MPP Solar · phocos · SRNE · STUDER · MUST · GROWATT · OutBack POWER · MAGNUM ENERGY · MORNINGSTAR

V5° Specifications

Electrical

Nominal Voltage	51.2V
Voltage Range	47.5V~57.6V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Recommended Charge/ Discharge Current[1]	75A(3.84kW DC)
Max Charge/ Discharge Current[2]	100A(5.12kW DC)
Peak Charge/Discharge Current	101A~120A(3min);121A~180A(15sec)

[1], [2]: The recommended and maximum charge/discharge currents apply when battery cell temperature is within 50°F ~ 104°F/10°C~40°C.
De-rated charge/discharge currents will occur if battery is operated outside of this temperature range.

General

Chemistry	LFP
Communication Protocol	CAN/RS485
Dimensions (L*W*H)	17.40*20.87*5.51 inch(3.2U)/ 424*530*140mm(3.2U)
Weight	97lbs/44kg
Operating Temperature	Charge:32°F~113°F/0°C~45°C Discharge:14°F~122°F/-10°C~50°C
Round-Trip Efficiency	⩾95%
Cycle Life[3]	⩾6000 cycles
Altitude	<13123.35ft/4000m
Warranty	10 years
Scalability	16 pcs (81.92kWh) in a group 6 groups (491.52kWh) in a system w/ a Hub

[3]: Test conditions 0.2C Charging/Discharging, @77° F/25° C, 90% DOD

Special Features

WIFI Connection (Optional)	Remote monitoring and upgrade
Heating Pad (Integrated)	Temperature Rise:18°F/h/10°C/h Operation Temperature: -4°F~50°F/ -20°C~10°C

Certifications

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

V5° Enclosures

Brackets for V5°
hold up to 1*V5, stack up to 6*V5°

V-BOX-OC
hold up to 4*V5°

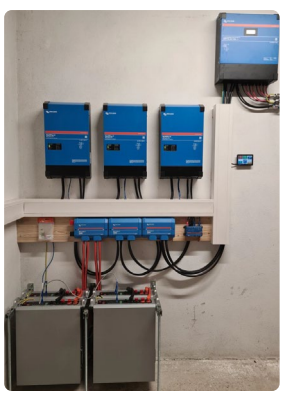
V-Box-IC
hold up to 3*V5°, stack up to 6*V5°

V-Box-NEMA 3
hold up to 2*V5°

V-Box-IC se
hold up to 3*V5°, stack up to 6*V5°

Case Study





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