

PT5 Battery 5



SAME SIZE SAME WEIGHT MORE ENERGY

The new PT5 Battery was designed based on listening to our customers and installers. You told us what you wanted and we delivered. At the same size and weight as the PT3.9 but with almost 64% more capacity, the PT5 is ahead of the competition. Combine that with casters and handles for easy installation, a full display, and complete battery-to-battery and battery-to-inverter communication, and you have one of the best batteries on the market. For those living in colder climates, we have you covered. The PT5 features a built-in heating system that automatically maximizes performance in cold weather and allows for charging at any temperature. The battery cells are also rated for -30°C discharge and storage with no heating. The PT5 is the future of energy storage.

See next page for technical specs



KEY FEATURES



EXPANDABLE

Plug and play battery system allow for up to 24 PT5 Batteries in parallel.



EASY TO READ AND USE

LCD Display meaning you always know how much power you have to play with.



DEPTH OF DISCHARGE

Full 0-100% DOD



EASY TO MOVE WITH SECURE LOCKING

Locking casters for easy movement and bolt-down tabs for wall or rack installation. The power Tower Base is also lockable.



SAFETY FEATURES

Numerous features to keep yourself and your cabin safe. Over-voltage, under-voltage, over-current protection with a 150A CSA rated circuit breaker. Lithium-Ion has a proven track record in some of the harshest environments including mining and transit. The fume-free batteries mean you can place the system anywhere with no dangerous fumes like traditional lead-acid.

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POWER SPECIFICATIONS

CHEMISTRY	LiFePO4	MIN VOLTAGE	44V
NOMINAL VOLTAGE	51.2VDC	MAX VOLTAGE	58.4VDC
ENERGY CAPACITY	5kWh	OPERATIONAL TEMPERATURE	-30°C to 45°C [-22°F to 113°F]
BATTERY HEATING OPERATIONAL TEMPERATURE	-30°C to 10°C [-22°F to 50°F]	MAXIMUM CONTINUOUS DISCHARGE AMPERAGE	125 A
MAXIMUM CONTINUOUS CHARGE CURRENT	62.5 A	WEIGHT	105 lbs
DIMENSIONS	W13.5" x H11.5" x L21.5" [W34cm x H29cm x L54cm]	CIRCUIT BREAKER AMPERAGE	150A
ENCLOSURE MATERIAL	Aluminum	COMMUNICATION	CANBUS
MAXIMUM BATTERIES IN PARALLEL	24	CERTIFICATIONS (BATTERY)	UL1973 (Pending) UN38.3 CSA (SPE-1000) Inspected
CYCLES	2250 cycles (charging CC/CV @0.3C & discharging CC @0.3C, 100% DOD, 25°C +/-2°C 100% of rated capacity), 3800 cycles (charging CC/CV @0.3C & discharging CC @0.3C, 70% DOD, 25°C +/-2°C 100% of rated capacity), 10,000 cycles (charging CC/CV @0.3C & discharging CC @0.3C, 70 DOD, 25°C +/-2°C 70% of rated capacity)		
WITH *4 Caster Wheels *2 Lift Handles			



ATTENTION:

It is the customer's and installer's obligation to check local electrical requirements and certification requirements of all HPS purchased equipment.