



PT Battery 5

The battery that installers trust.

We designed the **PT5 solar battery** based on the feedback of our customers and our solar installers. You told us what you wanted, and we delivered. At the same size and weight as our previous model, the PT3.9, the PT5 has 26% more capacity.

Combined with ergonomic handles and casters for portability and ease of install, the PT5 features complete battery-to-battery and battery-to-inverter communication. Pair this with the full informational display, and you have tons of data available at your fingertips.

For those living in colder climates, the PT5 comes equipped with **POLARSHIELD** technology, a built-in heating system that optimizes performance even in cold weather climates. With **POLARSHIELD**, you can charge at temperature, and discharge in temperatures as low as -30°C [-22°F]. Proudly assembled in Canada, the PT5 is ushering in the future of energy storage.



Key features

**Warranty Protection:**

5-year warranty on the PT5

**Expandable:**

Scalable battery system allows for up to 24 PT5 Batteries in parallel.

**Plug & Play:**

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

**Depth of Discharge:**

Full 0-100% DOD

**Easy to Move:**

Locking casters for easy movement and bolt-down tabs for wall or rack installation.

**Safety Features:**

Numerous features to keep yourself and your home safe. Over-voltage, under-voltage, over-current protection with a 150A CSA rated circuit breaker. Lithium iron phosphate 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.

Contact us



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Chemistry	LiFePO4	Min Voltage	44V
Nominal Voltage	51.2VDC	Max Voltage	56VDC
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	100A (60A recommended)	Weight	46 kg [102 lbs]
Dimensions	34cm x 29cm x 54cm [13.5in x 11.5in x 21.5]	Circuit breaker amperage	150A
Enclosure Material	Aluminum	Communication	CANBUS
Maximum Batteries in Parallel	24	Certifications (battery)	UL1973 (Pending) UN38.3 CSA (SPE-1000) Inspected UL9540A
Cycles	3,500 cycles (charging CC/CV @1C & discharging CC @1C, 100% DOD, 25°C +/-2°C 80% of rated capacity), 6000 cycles (charging CC/CV @0.3C & discharging CC @0.3C, 100% DOD, 25°C +/-2°C 70% 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: Please note it is the customer's obligation to check local electrical requirements and certification requirements of all HPS purchased equipment to ensure they meet the local electrical code. Additional components such as AFCI protection, Conduit Caps, and fusing/breakers may be required.