



THE FRONTIER

Backup power for beginners.

Looking to install a backup power system for your home or cottage? **The Frontier Package** is the perfect intro system if you're just getting started, capable of powering your key appliances and electronics. Easy to use and ultra safe, the **Frontier Package** provides reliable backup power to get your family through the worst storms and power outages. And it's totally scalable! You can add extra batteries and solar panels at any time.

Package components

Qty 1 - Power Tower

Qty 1 - PT5 Battery



RELIABLE **BACKUP POWER FOR 10 - 50 HOURS.**



IDEAL FOR **HOME APPLIANCES, ELECTRONICS, PUMPS AND MORE!**



INCREASE YOUR RUN TIME BY ADDING UP TO 23 MORE BATTERIES OR UP TO 3500W OF SOLAR PANELS.



Key features



Stackable

Up to 24 PT 5 Batteries can be paralleled to grow your system to your exact needs at time of purchase or at a later date.



Auto Gen Start

Auto generator starts ensure you never run out of power when off grid.



Smart System

Off-grid and backup power.



Gen Breaker

Up to 12kW Generator Input.



Pure Sine Wave

Pure sine wave means clean power for sensitive electronics.



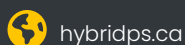
Automatic Transfer Switch

Automatic transfer switch changes over to battery power almost instantaneously.



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.

Contact us



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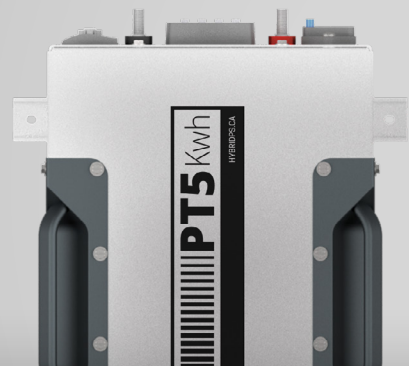


Power Tower Specifications.

| | | | |
|--------------------------------|---|---|----------------------|
| Continuous Power Output | 6,000W | Peak Power Output | 18,000W |
| Output Voltage | 120V AC | Sine Wave | Pure Sine |
| AC Input | 120 VAC up to 60A | Battery Charging From Grid/Generator | Selectable up to 50A |
| Solar Array Power | 3,500W | Maximum Solar Input | 30A |
| Maximum Solar Voltage | 135 VDC | Weight | 75 kg [165 lbs] |
| Dimensions | 88 cm x 56 cm x 24.5 cm [34.6in x 22in x 9.6in] | | |



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PT5 Battery Specifications.

| | | | |
|--|---|--|---|
| 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) | | |

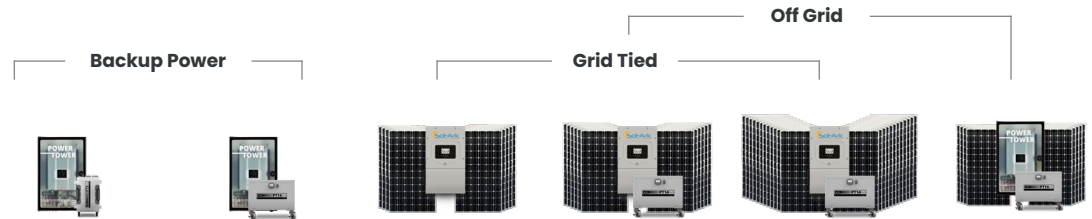
With

*4 Caster Wheels *2 lift handles



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Compare our solar & backup power packages



| | Frontier | Defender | Starter | Cottager | Chateau | Ranger |
|-----------------------------------|------------------------------------|-------------------------------------|---|--|--|--|
| Power | 6,000W | 6,000W | 12,000W | 12,000W | 15,000W | 6,000W |
| Surge Power | 18,000W | 18,000W | 25,000W | 25,000W | 30,000W | 18,000W |
| Output Voltage | 120VAC | 120VAC | 120 - 208 - 240V AC | 120 - 208 - 240V AC | 120 - 208 - 240V AC | 120VAC |
| Solar Charging Power | 3,500W | 3,500W | 12,000W | 12,000W | 15,000W | 3,500W |
| Outdoor Rated | No | No | Yes (Inverter only) | Yes (Inverter only) | Yes (Inverter only) | No |
| Temperature Rating | -30°C to 45 °C [-22°F to 113 °F] | | | | | |
| Total Energy | 5kWh | 14kWh | - | 14kWh | 14kWh | 14kWh |
| Number of Solar Panels | - | - | 9 | 12 | 24 | 8 |
| Included Solar Panel Power | - | - | 3,060W | 4,080W | 8,160W | 2,720W |
| Package Components | (1) Power Tower (1) PT5 Battery | (1) Power Tower (1) PT14 Battery | (1) Solark 12K (9) 340W Canadian Solar Panel | (1) Solark 12K (1) PT14 Battery (12) 340W Canadian Solar Panel | (1) Solark 15K (1) PT14 Battery (24) 340W Canadian Solar Panel | (1) Power Tower (1) PT14 Battery (8) 340W Canadian Solar Panel |

| Perfect For | Frontier | Defender | Starter | Cottager | Chateau | Ranger |
|-------------|---------------------------------|----------|--|--|---|---|
| | | | | | | |
| | Back up power for 10 - 50 hours | | Avg. Monthly Energy Usage: 367kWh** Base package will offset some energy costs and can be scaled to offset full energy costs. | Avg. Monthly Energy Usage: 490kWh** Base package will power all electrical appliances and devices with the exception of electric heat/air conditioning. | Avg. Monthly Energy Usage: 980kWh** Base package will power all electric appliances and devices with limited load management. Includes air conditioning for grid-tied, excludes electric heating for off-grid. | Avg. Monthly Energy Usage: 326kWh* Will power most small appliances and electrical basics. |

*Based on Canadian figures
**Can be scaled to a maximum of 1,440kWh

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