

Power Tower : Complete Off-Grid Power System by HPS



Price: CAD \$11,990.00 - CAD \$18,990.00

Product Categories: [On The Roof](#), [Cabin Solar Power](#), [Inverters](#), [Off-Grid : Inverter/Charger](#), [Pre-Wired](#), [Shop](#), [Tiny House Power](#)

Product Tags: [battery](#), [canada](#), [hps](#), [hybrid power](#), [hybrid power solutions](#), [inverter](#), [lithium](#), [off-grid](#), [off-grid power system](#), [off-grid solar](#), [power tower](#), [power tower canada](#), [pre-wired](#), [turnkey](#)

Product Page: <https://www.modernoutpost.com/product/power-tower-complete-off-grid-power-system-by-hps/>

Product Variants

- Power Tower : Complete Off-Grid Power System by HPS - Power Tower PT5 Bundle ()
- Power Tower : Complete Off-Grid Power System by HPS - Power Tower PT14 Bundle ()

Product Summary

The Power Tower is the fast & simple way to get the latest solar power system installed at your off-grid location. As a completely integrated system combining solar, DC to AC conversion, battery charging, grid bypass and automatic generator start, the Power Tower is a plug and play system like never before: it houses all electronics in one, elegant locking glass cabinet.

Solar Modules Not Included - We will design an array to meet your needs!

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Since all off-grid components are housed in one system, getting up and running is as simple as plugging in the batteries and your solar panels then wiring the output into your cabin's breaker panel. With an integrated Automatic Generator Start (AGS), even in the worst case scenarios, a backup generator can automatically be started when the batteries hit a critical level.

The Power Tower is packed with features. With battery chemistries commonly used in mining and industrial applications, the system is robust, safe and reliable. Designed with off-grid living in mind, the Power Tower offers 6,000 W continuous power and up to 18,000 W of peak power. Coupled with 3,500W of Solar MPPT charging capability, the Power Tower ensures you are never left out in the dark.

Scalability is key - additional Solar and/or Wind charging can be added and plugged directly into the battery bank, meaning that the sky is the limit when it comes to power availability. You could install 10kWh of Solar and 2kWh of Wind for example, increasing your overall power to 12kWh.

With the Power Tower, getting off-grid has never been easier. Avoid rising electricity & distribution costs, underwater cable maintenance for island properties, and not to mention power outages that flood basements and spoil food.

Power Tower Features

SCALABLE

A unique feature of the Power Tower is the expandable battery system. Every base kit comes with one 3.98 kWh lithium battery but can be expanded to up to 15 allowing for almost 60 kWh of usable energy. Unlike traditional lead acid systems, venting is not required, so choose where the system fits best, plug in, and you have off-grid power.

SOLAR & WIND

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AUTOMATIC GENERATOR START

With an integrated Automatic Generator Start (AGS), even in the worst case scenarios, a backup generator can automatically be started when the batteries hit a critical level. The common twist lock input for generator or grid tie is conveniently installed directly on the Power Tower unit. This allows for quick easy installation and high powered 120V or 240V capability.

NEVER GET CAUGHT IN THE DARK

With 6000w of power output, and up to 60kWh of usable energy, Power Tower ensures you are never let out in the dark. It's easily expandable system, including optional generator, grid, solar and wind inputs means the sky is the limit when it comes to continuous power availability.

SAFEST BATTERY CHEMISTRY

All of our products use LiFePO4, the safest lithium-ion battery chemistry available on the market. Numerous features to keep yourself and your cabin safe. Over-voltage, under-voltage, overcurrent protection with a 300A CSA rated fuse. Lithium Ion LFP 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.

NO MAINTENANCE

Our all-in-one systems require little to no maintenance, and offer a 2 year warranty if anything ever goes wrong. With an impressive lifespan of 10-15 years, you have a great off-grid solution that makes sense for your home or cottage.

Power Tower Inverter Specifications **CONTINUOUS POWER OUTPUT** : 6,000 W

PEAK POWER OUTPUT : 18,000 W

OUTPUT VOLTAGE : 120VAC or 120/240VAC

AC INPUT : 120VAC or 240VAC (120/240VAC model must charge with 240VAC)

BATTERY CHARGING FROM GRID/GENERATOR : Selectable up to 50 A

WEIGHT : 75kg

MAXIMUM SOLAR INPUT : 30 A

MEASUREMENTS (cabinet w/ unit) : 88cm x 56cm x 24.5cm

SOLAR ARRAY MAX POWER : 3,500 W

MAXIMUM SOLAR VOLTAGE : 150 VDC

CERTIFICATIONS (INVERTER)

cETLus (UL 1741)

CSA C22.2#107.1

CERTIFICATIONS (COMPLETE SYSTEM)

CSA (SPE-1000) Inspected

Downloads [Download the Power Tower spec sheet here](#)]

If the link fails, visit the manufacturer's website.

Shipping & Delivery

Shipping is free of charge to all Canadian destinations.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 60 kg
- Part/Bundle: Power Tower PT5 Bundle, Power Tower PT14 Bundle

Product Gallery

