



**YOSHINO**  
**SOLID-STATE POWER**

The **Next Generation** of Portable Power is Here.

Introducing the World's First **Solid-State**  
Portable Power Stations & Solar Generators.

At Yoshino, we're passionate about creating a better world. Our engineers have developed the world's first line of premium portable power stations and solar generators – embedding cutting-edge solid-state batteries, the latest in lithium-ion technology.



## World's First Solid-State Power Station

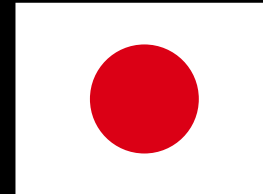
Next Generation of Lithium-ion Battery technology



Join The Solid-State Evolution

## Understanding the Benefits of Solid-State

- Increased Safety
- Longer Life – Over 11 Years (4,000 Life Cycles)
- Higher Energy Density = Lighter & More Compact
- Temperature Resistance, Both Hot & Cold



Japanese Solid-State  
Technology



Designed in the  
USA

## The Timeline of Lithium-ion Battery Technology in Portable Power

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### Traditional NCM

- Highly flammable
- 500 Cycles to 80%
- Traditional cylindrical cell
- Liquid Electrolyte
- High Energy Density



### Traditional LiFePO4

- Safe
- 2500-3000 Cycles to 80%
- Traditional cylindrical/Pouch cell
- Liquid Electrolyte
- Low Energy Density (Bulky)



### Solid-State

- Safer
- 4000 Cycles to 80%
- Pouch Cell
- Solid Electrolyte
- High Energy Density (Compact)
- Up to 33% lighter than LiFePO4

## Safety & Quality You Can Trust



### All Yoshino Portable Power Stations

Are ETL Certified (Electric Safety Protocols) and have passed strict independent USA Safety Lab testing for nail penetration, short circuit, and thermal runaway



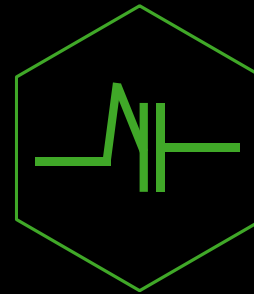
ETL certified for safety and quality you can trust



Energy Assurance Labs Passed USA Lab Safety Testing



5 year warranty on all portable power stations



Short Circuit Testing



Nail Penetration Testing

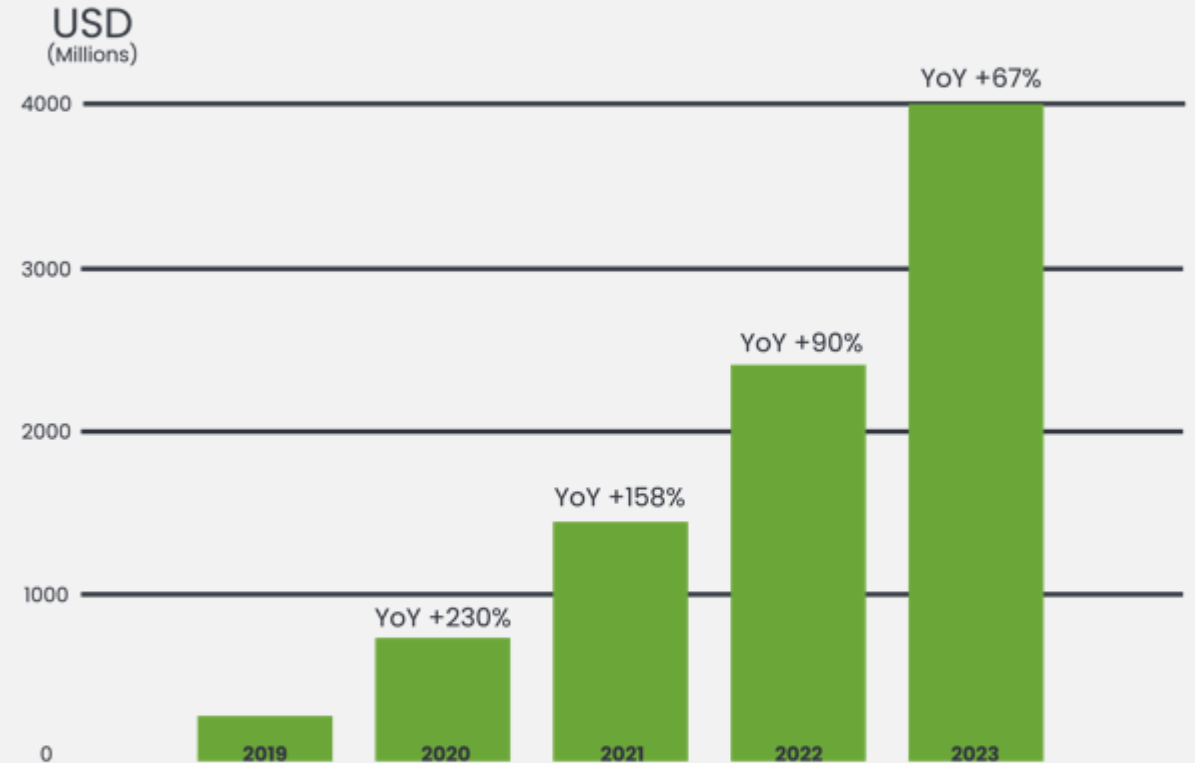


Thermal Runaway Testing

## Fast-Growing Power Station Market

Worldwide, the market experienced rapid growth, soaring from approximately \$150 million to an impressive \$4 billion USD in just four years, spanning from 2019 to 2023. This remarkable expansion was characterized by a consistently high year-on-year growth rate of 90% in 2022.

The product gained global popularity initially taking root in the United States and Japan from 2019 to 2021 before further expanding its reach to Europe and China during 2021-2022. It has now evolved into a truly global business.



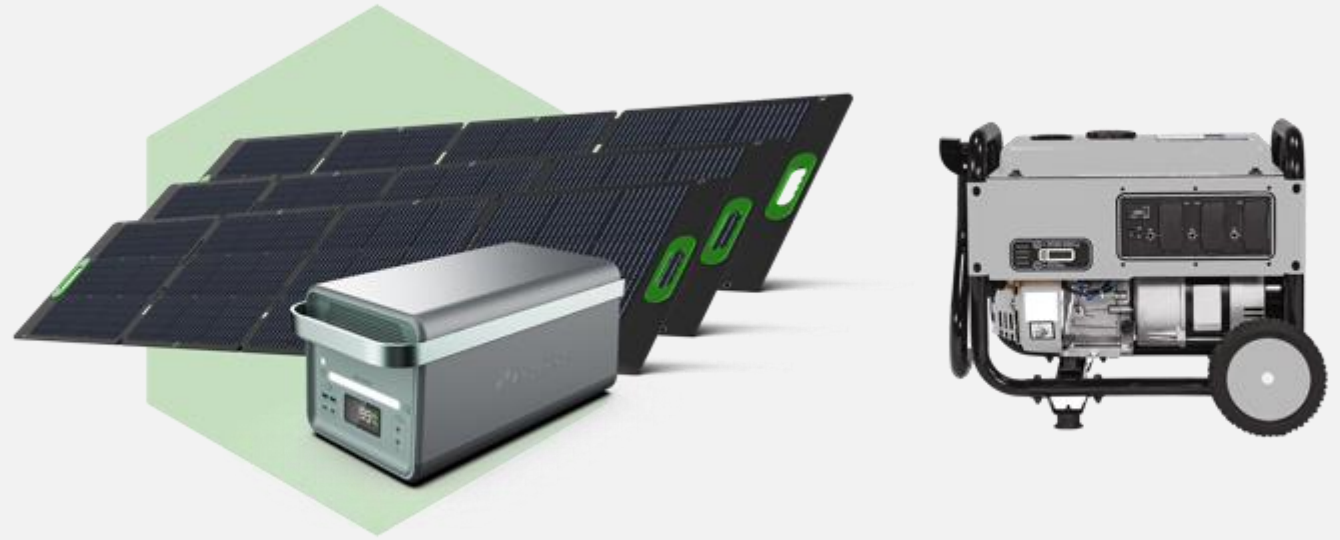
*\*Amazon Intelligence Data and NPD National Market Data*

## Regulations of Gas Generators

California to ban sales of gas generators by 2028.

The following states have noise pollution laws on running gas generators:

- Alaska
- Arizona
- California
- Colorado
- Florida
- Georgia
- Illinois
- Indiana
- Massachusetts
- Michigan
- Missouri
- Nebraska
- New York
- North Carolina
- Texas



### Solar Generators

#### No Emissions

Solar generators produce zero emissions and are safe to use indoors.

#### Quiet

Solar generators operate quietly so you can run them anytime, anywhere.

#### Ease of Use

Solar generators are easy to transport and don't require any fuel.

#### No Maintenance

With zero moving parts, solar generators are essentially maintenance-free.

### Traditional Gas Generators

#### Harmful Emissions

Gasoline generators produce harmful emissions and can only be used outdoors.

#### Noisy

A gasoline generator runs a loud internal combustion engine that limits how it can be used.

#### Constant Fueling

Gasoline, which has a short shelf life, must be stored and transported to run the generator.

#### Maintenance

Like any combustion engine, a gasoline generator requires maintenance, including oil changes.







## Award-Winning Design

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Yoshino delivers a **trusted companion**, with the **powerful advantages** of leading technology. **Compact and intuitive**, the thoughtful design **fuels users' endeavors**, **empowering them** to live, work, and play with **confidence and agility** wherever they are.

The design for Yoshino was to emphasize the world's first solid-state power station by using a **dynamic, angular language that accentuates power and innovation**. Winning 3 major awards in 2023 from Spark and IDA Design.





# B4000 SST

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## Solid-State Portable Power Station

Setting the bar for professional power stations, the B4000 SST delivers jaw-dropping power output with a class-leading power-to-weight ratio. With Yoshino's cutting-edge technology, the B4000 SST packs more power per pound than any other power station—and it's safer, too. With 4,000 watts on tap, the B4000 SST is perfect for home backup, recreational power—thanks to its 30-amp RV outlet—and off-grid adventure. And despite its 2.6kWh capacity, it charges from 0 to 80% in just 70 minutes, so you're powered up and ready to go in no time.



# Compact & Lightweight

Yoshino leads the industry with the lightest, most compact portable power stations currently possible. Solid state battery technology packs 2,611Wh at a weight of less than 25kg. Combined with a 4,000W output, the B4000 SST is in a class by itself.



# GaN – Greater Efficiency, Improved Lifespan



## Reduced Energy Loss



Increased efficiency results in less energy loss – meaning your Yoshino portable power station provides even greater capacity (90% efficiency) when compared to units that are not using GaN.

## Improved Lifespan



Increased efficiency also means lower internal temperatures 30°C directly resulting in a longer working life for critical components.

# Fast Recharging

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Keep powered up on the go with fast recharging that takes your portable power station from 0 to 80% in just 70 minutes, and 0 to 100% in only 90 minutes. Charge up quickly and stay powered through every adventure.



# Uninterruptible Power Supply

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Enjoy peace of mind with a back up power source that kicks in almost instantly. When the main power supply is cut off, UPS responds immediately to ensure a virtually uninterrupted power supply for the continuous operation of all your devices and appliances.



# 3-Point Management System

All Yoshino power stations manage power on 3 fronts, ensuring optimal performance. Managing discharge, energy, and conversion, keeping all your essential devices & appliances powered with remarkable efficiency.

## Battery Management System (BMS):

Manages charging and discharging, determining what output to use when capacity is low or when to shut off when temperatures become too extreme.

## Energy Management System (EMS):

Determines the logic for controlling how energy is released from the battery - helping extend the life of the battery

## Power Conversion System (PCS):

Controls the conversion efficiency between AC & DC power as well as temperature control





**Model No: B4000SST**

## **4000W Solid State Portable Power Station**

- **AC Output :** 4000W
- **Battery Capacity:** 2611Wh
- **Battery Life Cycle:** 4,000 Cycles to 80%+ capacity
- **Recharging Time :** 0-80% in 70 Mins, 0-100% in 90 Mins
- **Battery Type:** SST Solid-State NCM
- **Charging Ports:** 9 Ports (AC x2, DC x2, USB-A 12W x2, USB-C 20W x1, USB-C PD 100W x1, RV x1)
- **EV & RV Plug:** RV Plug x1
- **Solar Powered:** Yes
- **Expandable:** Yes
- **App Enabled (Wi-Fi or Bluetooth):** Yes, Wi-Fi
- **Wireless Charging Station:** 2 Wireless (15W)
- **UPS Backup Power:** Yes
- **Warranty:** 5 Years
- **Net Weight:** 53.6 lbs.
- **Dimensions:** 21.4 x 10.2 x 9.4 in

MSRP:  
\$3,299.00



# Expansive Power

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Smart Link with Infinity Connect technology allows you to connect Yoshino expandable batteries together to increase capacity. Whether you are looking for 10-30kWh of battery capacity, there are no limits with Smart Link, stack as many batteries are needed to meet your power goals.



**NEW!**

**Model No: EXB1**

## **Solid-State Expansion Battery for B4000 SST**

- **Battery Capacity:** 2562Wh
- **Battery Life Cycle:** 4,000 Cycles to 80%+ capacity
- **Recharging Time :** 0-80% in 70 Mins, 0-100% in 90 Mins
- **Battery Type:** SST Solid-State NCM
- **Smart Link Plugs:** 2
- **Solar Powered:** Yes
- **Expandable:** Yes
- **Warranty:** 5 Years
- **Net Weight:** 53 lbs.
- **Dimensions:** 21.4 x 10.2 x 9.8 in
- **Infinite Connect Technology:** There is no limit on how many expandable batteries can be added. Match any capacity needs.



MSRP:  
TBD

# Effortless Control at Your Fingertips

Check your power station's status, charge levels, runtime, and settings right on your phone. The Yoshino App puts you in complete control of your portable power.





**Model No: SP200**

### 200-Watt Portable Solar Panel

- **Solar Panel Power : 200W**
- **Cell Type:** Monocrystalline Silicon
- **Efficiency:** 23%
- **Connector Type:** MC4 Solar connector
- **Folded Dimension:** 19.4" x 31" x 0.8"
- **Unfolded Dimension:** 72" x 31" x 0.2"
- **Warranty:** 1 Year
- **Weight:** 18.7 lbs.

**Works best with:**



**B2000 SST**



**B4000 SST**

MSRP:  
\$499.00