

Empowering **Healthcare**
with **Reliable,**
Medical-Grade Power



AUSHERTECH



at **Aushertech**



We deliver
**Advanced,
Medical-grade
Power solutions**

To keep life-saving medical equipment running smoothly, especially in home healthcare settings.

From seamless power transfer to long-lasting energy support, we ensure that care is never compromised, even in the toughest conditions

Value Propositions



Medical-Grade Safety

Certified to IEC 60601-1 and IEC 60601-1-2 standards, ensuring the highest level of safety and reliability for critical medical equipment.

Instant Power Transfer

Ultra-fast 10ms UPS functionality keeps medical devices running seamlessly during power outages, without the need to unplug or reconnect.

Flexible Energy Storage

Big initial capacity with the option for expandable battery packs, allowing you to scale up power as healthcare needs grow.

Pure Sine Wave Technology

Delivers clean and stable energy to protect sensitive medical equipment, ensuring safe and accurate performance.

Efficient Pass-Through Charging

Power medical devices while simultaneously charging the unit, minimizing battery wear by bypassing unnecessary cycling and optimizing charging efficiency.

Brand Overview



Mission Statement

Our mission at Aushertech is to empower healthcare providers and home caregivers with innovative, medical-grade power solutions that ensure safety, reliability, and continuous support for life-critical medical equipment. We are committed to upholding the highest standards in every product we deliver, prioritizing patient well-being above all else.

Vision Statement

We envision a world where power reliability is never a barrier to quality healthcare, whether in hospitals or at home. Our goal is to become a leading name in medical-grade power solutions, recognized for our commitment to safety, technological innovation, and the health of our communities.





Reliability

We design our power solutions to deliver consistent performance, ensuring that vital medical equipment operates without interruption.



Safety

Patient and caregiver safety are at the heart of our products, meeting and exceeding international medical standards.



Innovation

We continuously advance our technology to create efficient, adaptable, and forward-thinking power solutions.



Integrity

We stand by our products and our commitment to quality, providing transparent communication and dependable support.



Compassion

Understanding the critical role of our power stations in healthcare, we work with empathy and dedication to improve lives.

Core Values



Benefits of Using Aushertech's Power Stations in Medical Settings



Uninterrupted Power Supply

Aushertech's power stations provide seamless power transfer with 10ms UPS functionality, ensuring life-saving medical devices continue to operate without interruption during power outages.



Enhanced Patient Safety

Designed to meet IEC 60601-1 and IEC 60601-1-2 standards, our power solutions offer the highest level of safety, protecting patients and caregivers from electrical hazards.



Protection for Sensitive Equipment

With pure sine wave technology, our power stations deliver clean, stable energy, preventing damage to sensitive medical equipment and ensuring devices perform accurately and reliably.



Scalable Energy Solutions

The expandable battery pack feature allows healthcare providers to increase power capacity as needed, making it easy to adapt to changing requirements in medical settings.



Energy Efficiency and Cost Savings

Aushertech's energy-efficient design reduces energy waste, helping healthcare facilities lower operational costs while maintaining the highest performance standards.



Convenience and Efficiency

The pass-through charging feature allows medical devices to be powered while the unit is charging, with intelligent battery cycling to extend battery life and optimize efficiency, making it perfect for both emergency and continuous use.

Target Audience



Home Healthcare

Aushertech's power stations are perfect for patients receiving medical care at home. They ensure reliable and uninterrupted power for critical devices like ventilators, oxygen concentrators, CPAP machines, alternating air mattresses, and even medical refrigerators used to store temperature-sensitive medications. This is especially vital for patients with complex care needs who cannot risk a power interruption.

Hospital Use

Patient Transfer Trolleys

In hospitals, Aushertech's power stations can be mounted on patient transfer trolleys to keep medical equipment like monitors and infusion pumps running seamlessly during patient movement between departments.

Backup Power for Specific Hospital Areas

Ideal for use in areas that may require portable backup power, such as for temporary setups during maintenance work or to support equipment in non-critical areas where full-scale backup systems aren't immediately available.

Why Medical-Grade Backup Power is a Must for Home Healthcare



When it comes to healthcare, the last thing you want to worry about is losing power. For patients who depend on life-sustaining devices at home, power outages aren't just an inconvenience—they're a serious risk.

That's where medical-grade backup power stations, like the ones from Aushertech, come in. Let's dive into why having a reliable power solution is so critical and how Aushertech's advanced features are game-changers for home healthcare.

01 **Built for Safety: Meeting Medical Standards**

First things first: safety. Medical devices are held to incredibly high standards for a reason—they're keeping people alive. Aushertech's power stations are designed to meet IEC 60601-1 and IEC 60601-1-2 standards, ensuring that they're safe and effective for medical use. These aren't your everyday power solutions. They're tested and certified, giving you and your healthcare providers peace of mind knowing that safety comes first.

02 **Instant Power Transfer with 10ms UPS Functionality**

Picture this: You're at home, and suddenly the power goes out. If you're relying on equipment like an oxygen concentrator or a ventilator, that moment of darkness could mean life or death. But with Aushertech's lightning-fast 10ms Uninterruptible Power Supply (UPS) feature, there's no panic. Your medical devices stay plugged in and seamlessly switch to backup power—no unplugging, no reconnecting, no heart-stopping moments. Just a smooth, uninterrupted transition that keeps your loved ones safe.



03 **Power That Lasts: Big Capacity with Room to Grow**

Home healthcare often means juggling multiple devices. From alternating air mattresses to mobility aids, you need a power backup that can handle it all. Aushertech's power stations have the big capacity needed to keep everything running for hours. And if you ever need more power, no problem! The expandable battery pack means you can add storage as your needs change, so you're never caught off guard by a prolonged outage.

04 **Protecting Your Equipment with Pure Sine Wave Technology**

Not all power is created equal. Medical devices are sensitive to power quality, and fluctuations can cause malfunctions or even permanent damage. That's why Aushertech uses pure sine wave technology to deliver clean, stable energy. It's the gold standard for powering medical equipment, ensuring that devices like ventilators and CPAP machines operate safely and accurately. You won't have to worry about voltage spikes frying your equipment—our power stations have you covered.

05 **Smart Charging: Pass-Through Charging with Battery Cycling**

One of the coolest features of Aushertech's power stations is pass-through charging. What does that mean? It means you can keep the power station plugged in and charging while it's also powering your medical devices, without cycling the battery. This prevents unnecessary wear on the battery, keeping it in top condition and extending its lifespan. It's efficient, practical, and perfect for the demands of home healthcare.

06 **Designed for Home Healthcare Needs**

Home healthcare is different from hospital care. It's more personal, and often, there's less room for error. Patients need constant monitoring and support, and having a reliable power backup is a huge part of that. Aushertech's power solutions are designed specifically for this environment, making sure that patients and their families have one less thing to worry about. With features like big capacity, an expandable battery pack, and seamless pass-through charging, these power stations fit perfectly into home healthcare routines.





07 Energy Efficiency That Saves You Money

Let's face it—running medical devices around the clock can get expensive. Aushertech's power stations are designed to be energy-efficient, which helps keep costs down. Over time, you'll save money on energy bills, all while enjoying a reliable and eco-friendly power solution. It's a win-win for your wallet and the environment.

Final Thoughts

Investing in medical-grade backup power for home healthcare isn't just a good idea—it's a necessity. Aushertech's power stations provide the safety, reliability, and flexibility that patients and caregivers need. With features like 10ms UPS functionality, pure sine wave technology, and expandable battery packs, you can rest easy knowing you're prepared for any power emergency. Because when it comes to your loved ones' health, there's no room for compromise.

Real-World Testimonials

Home Healthcare Scenario

“ Reliable Power for Critical Home Healthcare Devices ”

"Mrs. Taylor, a 72-year-old patient, relies on an oxygen concentrator to manage her chronic respiratory condition. During a recent storm, her home experienced a prolonged power outage. Thanks to the AusherMed2400, her oxygen concentrator continued running without interruption, ensuring her safety and peace of mind. The pass-through charging feature also kept her medical refrigerator powered, safeguarding her temperature-sensitive medications."

Hospital Scenario

“ Seamless Power Transfer During Patient Transfers ”

"At City General Hospital, patient transfers between departments often involve critical medical equipment like monitors and infusion pumps. With the AusherMed2400 mounted on transfer trolleys, medical teams ensured uninterrupted power during transport, eliminating risks and enhancing patient safety."

Holiday Scenario

“ Portable Power for Medical Needs on the Go ”

"The Johnson family loves taking road trips to explore the countryside. However, with Mr. Johnson requiring a CPAP machine for his sleep apnea and Mrs. Johnson needing an alternating air mattress to prevent pressure sores, they were initially hesitant about traveling far from home. Thanks to the AusherMed2400, their worries were put to rest. During the drive, the power station ensured that both the CPAP machine and alternating air mattress remained powered, thanks to its capability to operate seamlessly while being charged via the car's power outlet. Once they arrived at their holiday house, the portable design with a trolley made it easy to bring the power station indoors, where it provided reliable backup for both medical and everyday devices."

3 IN 1 Medical-Grade Power Solution

Empowering Healthcare
with Versatile Power
Options



**AusherMed
2400B**

**AusherMed
2400**



Direct Medical Device Connection

Power life-critical medical devices like CPAP machines, oxygen concentrators, alternating air mattresses, and medical refrigerators directly. The AusherMed2400 ensures seamless, uninterrupted operation for your healthcare needs at home or on the go, giving you peace of mind in any situation.

Grid-Connected Backup

Power life-critical medical devices like CPAP machines, oxygen concentrators, alternating air mattresses, and medical refrigerators directly. The AusherMed2400 ensures seamless, uninterrupted operation for your healthcare needs at home or on the go, giving you peace of mind in any situation.

Portable and Versatile Use

Take the AusherMed2400 wherever you go. Its compact design and built-in trolley make it easy to transport, whether you're on a road trip, visiting a holiday house, or handling medical needs during patient transfers. Enjoy the flexibility of dependable power, no matter where life takes you.





Key Features

- ▶ Integrated Micro Grid-Connected Balcony Solar Battery
- ▶ Convenient Plug & Play Design, No Need for Installation
- ▶ Store Energy at Day, Save Your Bills at Night
- ▶ Trolley Design, Go Wherever Your Destination Is
- ▶ Add up to 8 packs for more storage capacity
- ▶ Applied as Large Power Bank for Outdoor Power Supply



Idea For **Medical Equipment**



CPAP Machine
60W | 37 hours



Oxygen Concentrator
120W | 16 hours



Alternating Air Mattress
40W | 50 hours



Medical Refrigerator
160W | 14 hours



Idea For **Home Healthcare Appliances**



LED Light Bulb (for night care)

8.5 days | 11W



Household Fan

33W | 2.5 days



Microwave (for preparing meals)

1,100W | 2 hours



Portable Heater

750W | 3.2 hours



Low-Watt Air Conditioner

33W | 2.5 days

Product Appearance



AC OUTPUT
230V 16A MAX

DC INPUT 12-105V
25A 1200W MAX

AC INPUT 15A MAX

OVERLOAD
PROTECTION

DC 12V 10A MAX



2X USB-A 12W MAX
2X USB-A 28W MAX
2X USB-C 100W MAX

USB OUTPUT
ON/OFF

AusherMed 2400B



POWER ON/OFF



AusherMed 2400



Product Appearance



Specifications

AusherMed 2400



Battery Type	LiFePO4	
Capacity	2,400Wh	
Operating Voltage	42-54Vdc	
Input Frequency	50Hz	
Charging Current	50A Max.	
Discharging Current	100A Max.	
Operation Temperature	Charging -20°C~50°C 2000m	Discharging -30°C~50°C
Working Altitude	2000m	
Communication	CAN/RS485	
Battery Life Cycles	8000 Cycles To 70%+ Capacity	
Battery Scalability	1F2400 +7x Extra Battery B2400, max. 19.2 KWh	
Connectivity	Wi-Fi, Bluetooth	
Weight	29kg	
Dimension (L x W x H)	500 mm x 320 mm x 340 mm	
Installation Method	Floor standing	
Warranty	5 years	
Compliance	VDE4105,IEC62619, IEC62477, IEC61000, IEC60730, CE, RoHS, UN38.3	
Compatibility with hybrid inverter	Deye, Goodwe, Megarevo, SolaX, Solis, SMA, Growatt*	
Application	Balcony Power Plant With Storage / On grid / Portable	

PV Input	1,200W Max. 12-105V, 25A Max, support MPPT	AC Output Port	2,400W Max (peak 4,800W), 230V, 16A ×4
		USB-A Output	2 ports 12W Max. 2 ports 28W Max.
AC Input	1,800W Max, 230V, 10A Max	USB-C Output	2 ports 100W Max.28W Max.

Specifications

AusherMed 2400B



Battery Type	LiFePO4	
Capacity	2,400Wh	
Operating Voltage	42-54.75Vdc	
Charging Current	50A Max.	
Discharging Current	100A Max.	
Operation Temperature	Charging -20°C~50°C 2000m	Discharging -30°C~50°C
Working Altitude	2000m	
Communication	CAN/RS485	
Battery Life Cycles	8000 Cycles To 70%+ Capacity	
Battery Scalability	8 pcs B2400, max. 19.2 KWh	
Weight	21kg	
Dimension (L x W x H)	480 mm x 290 mm x 230 mm	
Installation Method	Floor standing	
Warranty	5 years	
Compliance	IEC62619, IEC61000, IEC60730, CE, RoHS, UN38.3	
Compatibility with hybrid inverter	Deye, Goodwe, Megarevo, SolaX, Solis, SMA, Growatt*	
Application	Balcony Power Plant With Storage / On grid / Portable	

*Compatibility tests with different brands of inverters are continuously ongoing; results will be periodically updated.

Product Appearance



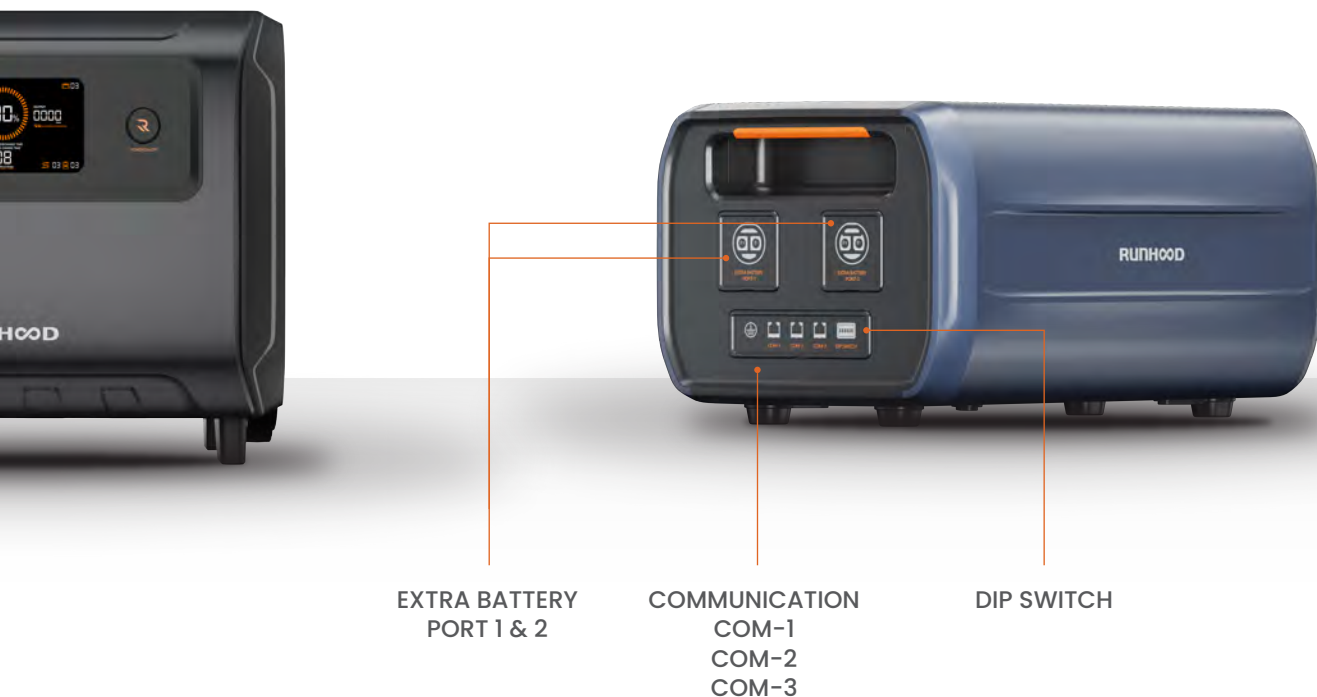
AusherMed 3600B



AusherMed 3600



Product Appearance



Specifications

AusherMed 3600



Battery Type	LiFePO4
Capacity	3,600Wh
Operating Voltage	38-53Vdc
Input Frequency	50Hz
Charging Current	55A Max.
Discharging Current	140A Max.
Operation Temperature	Charging -2°C~50°C 2000m Discharging -28°C~50°C
Working Altitude	2000m
Communication	CAN/RS485
Battery Life Cycles	6000+ Cycles To 80% Original Capacity
Battery Scalability	1F3600 +7x Extra Battery B3600, max. 28.8 KWh
Connectivity	Wi-Fi, Bluetooth
Weight	48kg
Dimension (L x W x H)	588 mm x 400 mm x 424 mm
Installation Method	Floor standing
Warranty	5 years
Compliance	IEC62619, IEC62477, IEC61000, IEC60730, CE, RoHS, UN38.3
Compatibility with hybrid inverter	Deye, Goodwe, Megarevo, SolaX, Solis, SMA, Growatt*
Application	On grid / Back Up / Portable

EV Input		3,400W Max, 230V,16A Max	AC Output Port		3,600W Max (peak 7,200W), 230V, 16A x 6
PV / Car DC Input		Rated DC 12-60V, 25A, 1500W. 150V Max, 2400W Max. support MPPT	USB-A Output		2 ports 12W Max. 2 ports 28W Max.
AC Input		2,300W Max, 230V, 10A Max	USB-C Output		2 ports 100W Max.
			Anderson		DC 12V/24V 30A Max. Switchable
			Cigarette Lighter		DC 12V 10A Max

Specifications

AusherMed 3600B



Battery Type	LiFePO4	
Capacity	3,600Wh	
Operating Voltage	38-53Vdc	
Charging Current	55A Max.	
Discharging Current	140A Max.	
Operation Temperature	Charging -2°C~50°C 2000m	Discharging -28°C~50°C
Working Altitude	2000m	
Communication	CAN/RS485	
Battery Life Cycles	6000 Cycles To 80%+ Capacity	
Battery Scalability	8 pcs B2400, max. 19.2 KWh	
Weight	40kg	
Dimension (L x W x H)	588 mm x 400 mm x 424 mm	
Installation Method	Floor standing	
Warranty	5 years	
Compliance	IEC62619, IEC62477, IEC61000, IEC60730, CE, RoHS, UN38.3	
Compatibility with hybrid inverter	Deye, Goodwe, Megarevo, SolaX, Solis, SMA, Growatt*	
Application	Expansion / On grid / Back Up	

*Compatibility tests with different brands of inverters are continuously ongoing; results will be periodically updated.

Accreditations and Partnerships



Aushertech takes pride in our certifications and partnerships that reinforce our commitment to quality and safety:

Certification

Our power stations are certified to meet IEC 60601-1 and IEC 60601-1-2 standards, ensuring that they are safe for medical use and comply with stringent international regulations.

Healthcare Partnerships

We collaborate with healthcare providers and institutions to ensure our products meet real-world needs and offer the best possible solutions for patient care.

Endorsements and Compliance

We work closely with certification bodies to maintain up-to-date compliance and continuously improve our product offerings.

Standards and Certifications



Aushertech's power stations are engineered to meet and exceed the most stringent safety and performance standards required for medical and general electrical use. Our certifications include:

IEC 60601-1 Compliance

Ensures adherence to medical electrical safety standards, reducing the risk of electrical shock and ensuring safe operation in healthcare environments.

IEC 60601-1-2 Compliance

Guarantees electromagnetic compatibility (EMC), preventing interference with sensitive medical devices and ensuring reliable performance in complex electronic environments.

VDE 4105 Certification

Ensures compliance with grid connection standards for generating units, relevant for devices used in energy supply systems.

IEC 62619 Certification

Pertains to the safety requirements for secondary lithium cells and batteries for industrial applications, highlighting the safety and reliability of our battery systems.

IEC 62109 Certification

Focuses on the safety of power converters used in photovoltaic energy systems, emphasizing the safe integration of renewable energy sources.

Standards and Certifications



IEC 62109 Certification

Focuses on the safety of power converters used in photovoltaic energy systems, emphasizing the safe integration of renewable energy sources.

IEC 61000 Certification

Compliance with electromagnetic compatibility standards for equipment to ensure proper operation without causing or being affected by electromagnetic interference.

CE Marking

Demonstrates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area.

RoHS Compliance

Certifies that our products are free from hazardous materials, contributing to environmental and consumer safety.

UN38.3 Certification

Ensures the safety of lithium batteries during air transport, covering handling, storage, and shipping requirements.

These comprehensive certifications reflect our commitment to safety, environmental responsibility, and reliable performance, making our power stations suitable for a wide range of healthcare and energy applications.

Testing and Quality Assurance



At Aushertech, we maintain strict testing procedures and quality assurance protocols to guarantee the safety and performance of our products:

Safety Testing

Includes leakage current testing, dielectric strength testing, and earth bond testing to meet the rigorous standards set by IEC 60601-1 and other safety certifications.

Performance and Reliability Testing

Conducted through battery cycle testing, pass-through charging assessments, and environmental stress tests to ensure consistent power supply and efficiency.

Electromagnetic Compatibility (EMC) Testing

Ensures our products meet IEC 60601-1-2 and IEC 61000 standards, preventing electromagnetic interference with other medical or electronic equipment.

Battery and Transport Safety Testing

Includes UN38.3 testing for lithium battery safety in transport and IEC 62619 compliance to ensure robust battery performance.

Quality Control Checks

Our comprehensive quality control process involves multiple checkpoints throughout manufacturing, ensuring that each unit meets our high standards before reaching customers.

By adhering to these rigorous testing standards and certifications, Aushertech ensures that our power stations deliver unparalleled safety, reliability, and performance in healthcare and energy settings.

Aushertech was founded out of a deep commitment to improve healthcare outcomes through dependable, medical-grade power solutions.

Recognizing the gap in reliable backup power for life-saving medical devices, we set out to design power stations that meet the rigorous safety standards required for healthcare environments. Our journey began with a simple yet powerful purpose: to give patients and healthcare providers peace of mind, knowing they can rely on our products in the most critical moments.

Drawing inspiration from real-world challenges faced by families and healthcare facilities, we combined cutting-edge technology with a compassionate approach.

Today, Aushertech stands as a trusted partner in healthcare power solutions, dedicated to supporting both home caregivers and medical professionals with unwavering reliability.

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