

Why buy Freeway's AC?



5 Year Warranty

LiFe AC comes with a 5/5/5 warranty - comprising; a 5 year inverter, a 5 year battery and a 5 year cart warranty, for your complete peace of mind!



18+ hrs run time

The LiFe PO4 battery has a whopping 655Whr capacity offering great mobile run-times!



Certified 250W Inverter Charger

Rigorously tested to comply with strict IEC-60601 regulations, our inverter ensures our carts are safe to use in all hospital environments - protecting both users *and* patients.



Battery Guarantee Included

Every iLiFe AC cart comes with a 5 year state of Health warranty as standard, meaning if the SoH drops below 65% inside 60 months or 2000 cycles, Freeway will replace it Free of charge.

Utilise your existing IT estate - the 100mm VESA mount comfortably accepts 20-27in screen sizes.

Ultra-durable and generously sized Trespa® work surface.

Emergency-release power cord. No more broken electrical sockets!

Anti-topple 'H' base with compact footprint.



5 Year Warranty

Our market-leading cover includes the inverter, battery, and cart!

Sturdy IT Pole hides cabling exiting the monitor/AIO

High mounted inverter and battery ensures low dust pick-up aiding efficient cooling.

Fully electric lift for effortless user height adjustments.

Ultra-smooth premium castors with integrated bump protection and soft, silent tyres (x2 brakes).



iLiFe~AC

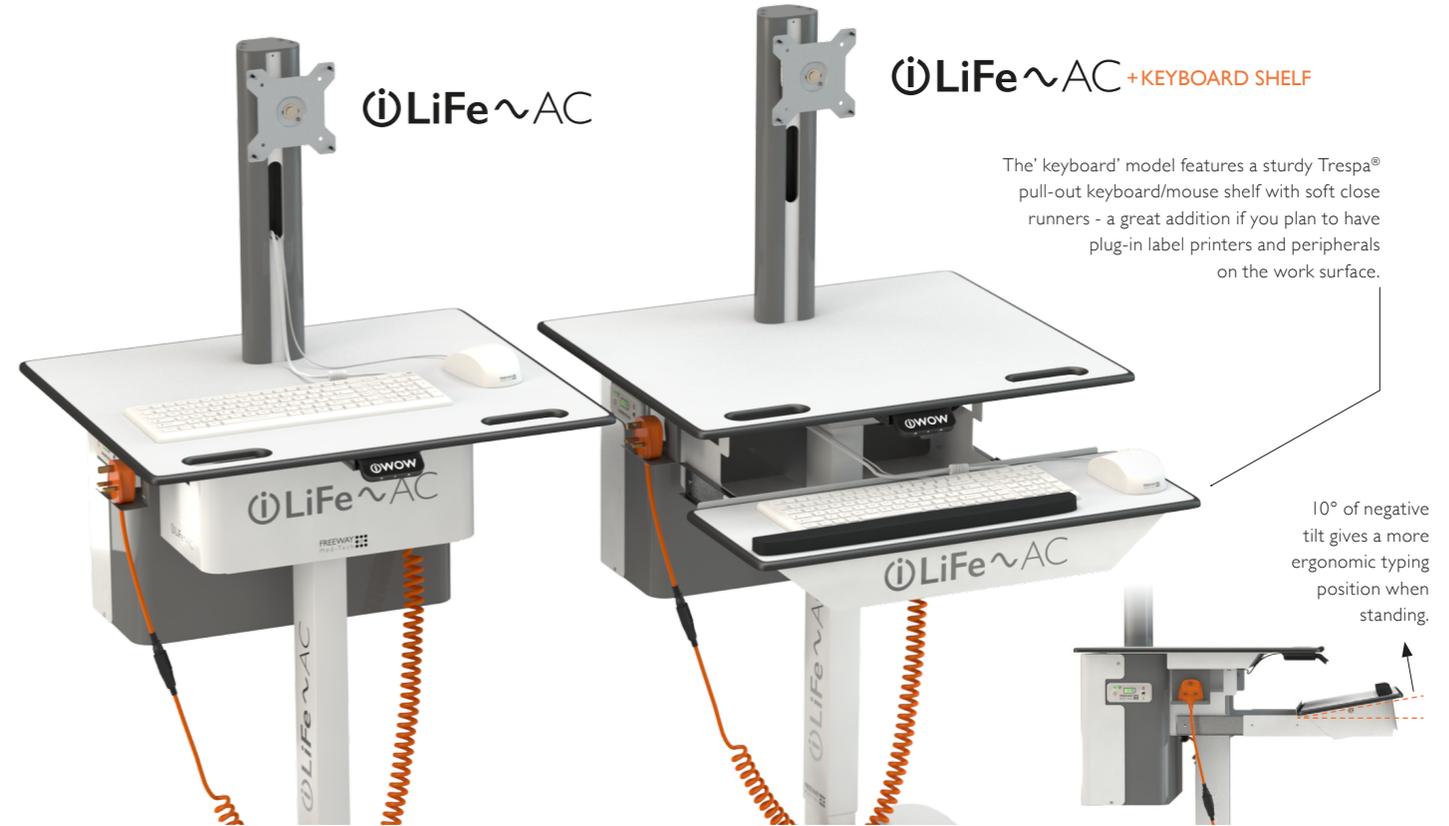
iLiFe~AC +KEYBOARD SHELF



Soft close
pull-out keyboard
& mouse shelf

iLiFe~AC

iLiFe~AC +KEYBOARD SHELF



The 'keyboard' model features a sturdy Trespa® pull-out keyboard/mouse shelf with soft close runners - a great addition if you plan to have plug-in label printers and peripherals on the work surface.

10° of negative tilt gives a more ergonomic typing position when standing.

Our market-leading 5 year warranty includes the inverter, battery, and the cart!

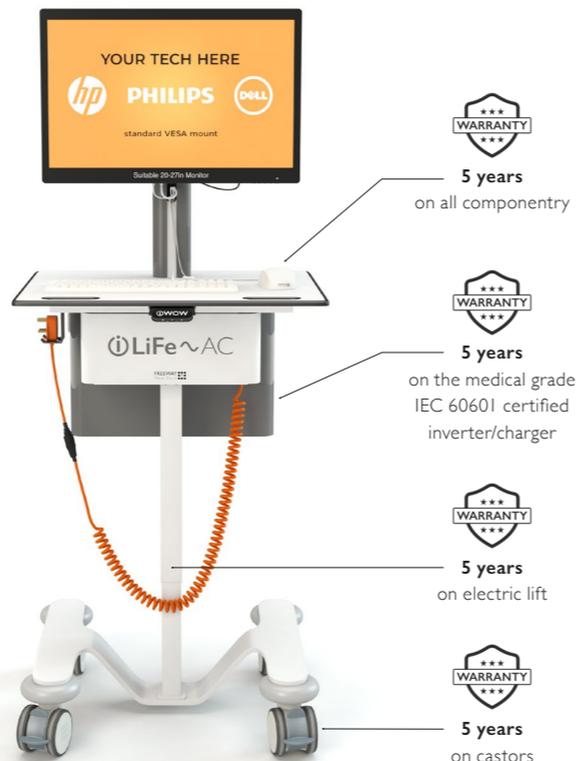
Plus our incredible battery state of health (SoH) guarantee too!

If the SoH dips below 65% in 5 years (or 2000 cycles), Freeway will replace the battery under warranty FREE OF CHARGE, so you can have total peace of mind knowing your investment is protected.

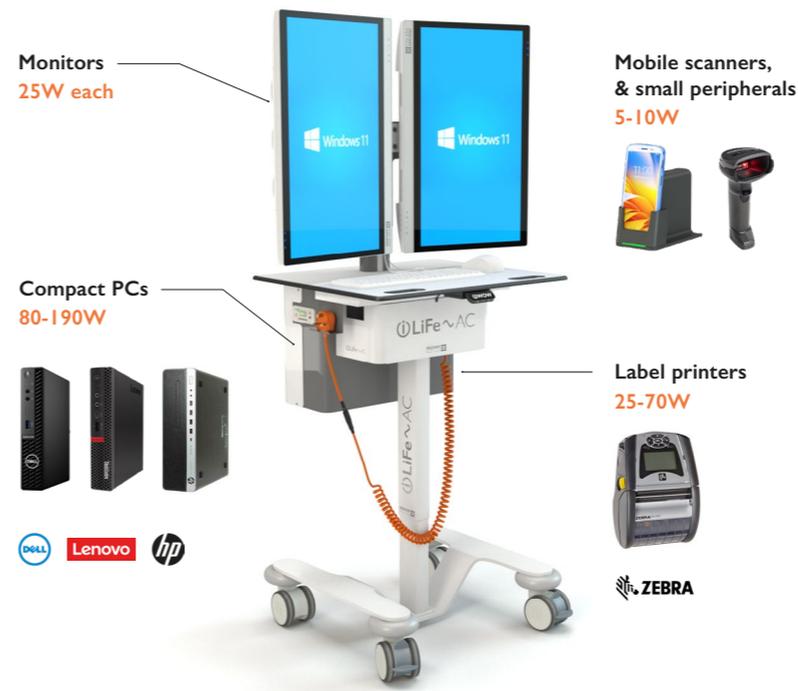


Our battery offers an amazing 18+hrs of real-world run time!

The LiFe PO4 battery has a whopping 655Whr capacity offering great mobile run-times, so more time in use and LESS time on charge – it also means the battery is far less stressed, compared to having a small battery that is depleted and charged rapidly to cope with the 24 hour nature of hospitals. Less frequent charging means greater battery health and better longevity.



Competitors offer 150W. Our AC is 250W!



So why is this important?

An ordinary setup can be quite demanding

Just a typical micro PC, monitor and larger format label printer is already in excess of our competitors' 150W rating - $90+25+75W = 190W$. Exceeding the stated power rating may cause unexpected behaviour including system shut downs, data loss and warranty invalidation.

Future-proofing your investment

Despite a global trend towards ultra-low power computing, we are actually seeing power increases in micro form factor PCs, especially when combined with large or dual screen configurations that are becoming more popular. The 250W of AC power from our iLiFe~AC carts, can more than cope with the demand.

*Approximate power consumption figures. Each brand/model may vary slightly.

Compare our tech...



An AC WOW specification comparison

Feature / AC WOW Model	Freeway iLiFe~AC	Competitors product
Battery Capacity	51.5Amp, 655Wh	40Amp, 512Wh
Real-world Runtime	18+ hours	12 hours
Warranty	5-year all-inclusive warranty on cart, power system, battery. 5-year capacity guarantee on battery – based on 2000 cycles or 60 months for 65% State of Health (SoH) as reported by the Fleet View software	5-year cart warranty, 3-year battery capacity guarantee, 2-year inverter charger warranty, 1-year electrical systems warranty*
Lift Engine Type	Fully electric – 5 year warranty (no adjustment required regardless of load, maintenance free)	Constant force engine (requires manual adjustment depending on load)
Inverter Charger Wattage	250W	150W
Inverter Fan Operation	Only runs during charging due to patent-pending design	Runs during discharge and recharge, housed in insulated plastic, potentially doubling dust collection
Inverter Mounting	500mm from floor, vents open and accessible for cleaning without tools or training	Close to the floor, sealed via screws, requires tools and training for routine maintenance
Inverter Certification	IEC60601 medical certification	IEC60601 medical certification
Colour Options	Free of charge	Not available



Pre-cabled and ready to go. Deployment really is as easy as 1-2-3!

1 Remove the cardboard sleeve

Simply pull off the recyclable paper tape and carefully lift off the recyclable protective cardboard sleeve.

2 Mount your monitor

Attach the screen to the already-setup 100mm VESA mounting.

3 Plug in the cables

The pre-routed HDMI, PSU and USB cables from the Pod are ready to be plugged into the monitor!

Minimal labour and time needed to get our carts into service

They're fully built, pre-cabled and with minimal packaging to dispose of (see following pages). Our AC powered carts really can be up and in-use within a very short period of time, and all without having to get rid of huge amounts of packing.

The front-facing twin usb hub provides super easy connectivity for a keyboard and mouse or other peripherals like a mobile scanner cradle.



Free of charge MPMView software licenses included with all iLiFe~AC carts

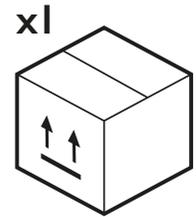
Yes, free of charge software that displays to the user, the cart's remaining run-time, or the exact battery percentage, as well as a simple graphic for both Load and Battery state of health (SoH). If the SoH dips below 65% in 5 years (or 2000 cycles), Freeway will replace the battery under warranty FREE OF CHARGE.

Free of charge software for IT support
Password protected on each computer and with detailed information available for comprehensive IT support.



Deliveries with minimal packaging waste...

...so little in fact, we will collect and recycle it for you, for FREE!



A SINGLE RECYCLABLE CARDBOARD SLEEVE ONLY



There are no plastics or polystyrene in our delivery packaging!



This is all the packaging from a delivery of 75 iLiFe~AC carts!

Yes. That's right. All the packaging from a delivery of 75 of our iLiFe~AC carts, easily fits onto a standard 1200mm pallet. If required, we will take this waste packaging away and recycle it at no cost to the customer.

The IEC-60601 medical standards - here are some important points explained.



Low Electromagnetic Interference (EMI)

Medical environments, particularly in theatres or ICUs, have highly sensitive equipment monitoring or supporting life. The IEC 60601 certification ensures that the Workstation on Wheels emits very low levels of electromagnetic

interference. This means the cart won't cause disruptions or malfunctions in other medical devices, such as ventilators or monitoring systems, which are critical for patient care.

Safe Operation in Critical Areas

In areas like operating rooms, where the environment is tightly controlled for sterility and minimal disturbance, IEC 60601 certification means that the Workstation on Wheels will not compromise the patient or the equipment around them. It ensures that the cart operates smoothly and safely without causing any electrical or operational disruptions to life-saving equipment.



Suitable for Close Proximity to Patients

In theatres or ICUs, where the Workstation on Wheels may be close to sedated patients, the certification ensures that the workstation meets strict requirements for leakage currents (small amounts of electrical current that could potentially pass through the patient). It's designed to keep these currents at a level safe enough that even in close proximity, the workstation poses no risk to the patient.



KNOW THE PRODUCT YOU'RE BUYING!

The power systems in our mobile iWOW® and iLiFe~AC carts are a fully certified IEC-60601 solution, meaning the entire electrical system has been independently tested and certified to adhere to the standard. The components we use are always from a medical-grade source and all our AIO PCs and monitors are independently tested and certified too. Some manufacturers will have you believe their carts are fully 60601 certified, but are in fact just running a certified PSU. Their inverters are off-the-shelf (often just automotive or industrial grade parts) and do not even have certification on the output! Always read the small print and ask to see the 60601 certification!



Understanding MOP

The IEC 60601 standard introduces the concept of **Means of Protection (MOP)**. It is divided into two categories: **MOOP** and **MOPP** (Means of Operator Protection / Means of Patient Protection).

Multiple layers

The requirement for multiple layers of protection to ensure that neither the operator nor the patient is exposed to harmful electrical currents. IEC 60601 mandates two independent methods of protection, which may include insulation, grounding, or isolation. This ensures redundancy, meaning that if one protection method fails, the other will still prevent any harm.

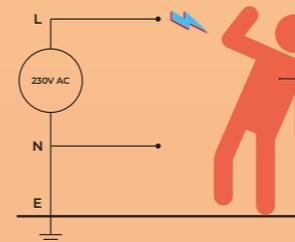
By adhering to these MOOP/MOPP requirements, the workstation not only complies with industry regulations but also demonstrates a commitment to the highest levels of safety for both patients and staff.

Independent Testing and Verification

To achieve IEC 60601 certification, the Workstation on Wheels is subjected to rigorous testing by a registered competent and independent body, such as TÜV, UL, or Intertek. These bodies independently test the device to ensure it meets the highest safety standards, providing peace of mind to healthcare providers that the workstation will operate safely in even the most critical environments, such as near life-support equipment.

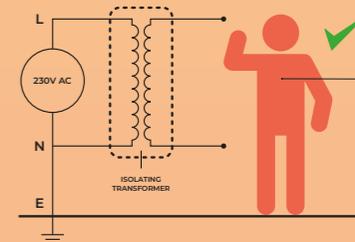
Circuits of a regular power supply and an isolated power supply (as used in our iLiFe-AC Cart)

1. **A normal power supply >**
(the neutral and earth are connected)

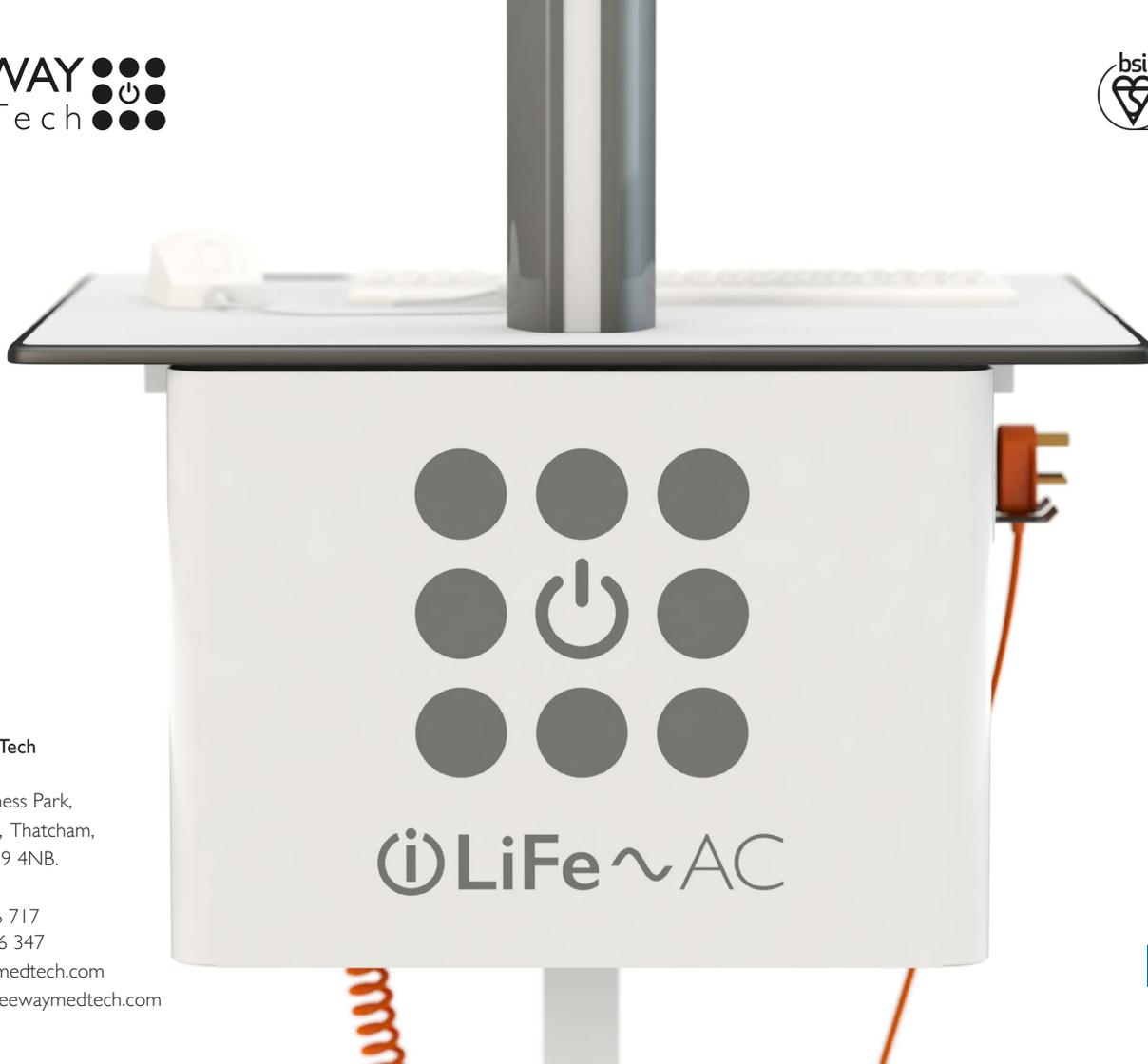


Touching a live wire will result in shock as the person is creating a circuit by touching the ground.

2. **An isolated power supply >**
(the neutral and earth aren't connected)



No shock if a live wire is touched!



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 **LiFe~AC**