



**MORE POWER TO YOU.** Join the thousands of companies using our Portable Power Systems to boost productivity, cut costs, and keep their workforce performing at peak efficiency.

# POWERING A PRODUCTIVITY REVOLUTION

Whether you're choosing a Power System for one of our carts, or one of yours—or for a stand-alone application—you're in good company. Newcastle offers the most advanced engineering and the widest range of options available. It's no wonder many of the best-known companies in the world rely on us to help keep their competitive edge.



## Top 3 reasons our customers love our Portable Power Systems

There are so many upsides to Newcastle power systems it's hard to shorten the list, but here are three reasons we hear over and over why our customers keep coming back for more.



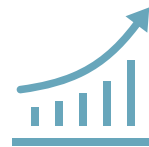
### FASTER CYCLE TIMES

Eliminate the waste of walking to far-flung equipment, and your workers will stay on high-value tasks—often doubling their output.



### TRIMMED PAYROLL

It's a fact: Our customers routinely report getting higher throughput in fewer hours. Not to mention up to 75% less overtime.



### UNMATCHED ROI

Mobile power is simple to deploy and requires no infrastructure or software changes—with ROI typically under six months.

## Our cart, your cart, or no cart

Our power systems turn any cart into a productivity machine: churn through in-bound, pick and label without errors, ship faster. Or use a stand-alone solution to bring power anywhere.



Our power systems integrate with our rugged carts to create unmatched productivity solutions...



... and are so adaptable they work flawlessly with nearly any picking or industrial cart.



Generators are so last century. Our stand-alone units supply quiet, seamless AC power wherever you need it.

# THE MOST ADVANCED PORTABLE POWER. PERIOD.

We pioneered the Portable Power industry with our first battery pack. And then we forged ahead with innovation after innovation, creating the industry-leading lineup of solutions we offer today, all built expressly for industrial settings like yours. Lithium options? Check. Swappable? Uh-huh. All-day powerhouses? Those too. We offer the most robust, meticulously-engineered Portable Power solutions you can buy. And we're proud of that.

## Leaders in lightweight Lithium technology

We offer both Sealed Lead Acid (SLA) and Lithium-based power systems. SLA is cheaper up front but requires replacement more often. Lithium costs less in the long run and offers other big advantages:



### 8X LONGER LIFE

It takes five or more SLA batteries to match a single Lithium. That's why Lithium is such a good value in the long run.



### 1/3 THE WEIGHT

Lithium weighs about 1/3 of SLA—a big difference when pushing a cart, or when its time to replace the battery.



### SAFE & STABLE

Not all Lithium is the same. We use Lithium Iron Phosphate, proven to be 100% safe and stable.



## Swappable and fixed-battery systems



**Swappable systems** are easy to handle and eliminate downtime. When power runs low, just slide in a freshly-charged pack.



**Fixed systems** offer the largest capacity. At shift's end, simply plug in the cart to be ready for the next day.

# MORE POWER TO THEM

Big or small, Amazon or Mom-and-Pop, helping our customers be more productive is what we're all about. Whatever your line of business, our solutions are yielding big-time benefits for companies of every size. Let us show you how.

## Amazon: Fast, more accurate receiving

Workers at Amazon were wasting too much time walking from the dock to computers to confirm packing slip data and print labels. The solution was to provide workers with mobile workstations right on the dock, complete with PCs, printers and scanners. Newcastle engineered the custom power system. The verdict? "Extremely easy to use, and powers everything we plug into it."

**"YOUR PORTABLE POWER SYSTEM ENABLES US TO TAKE OUR WORKSTATIONS TO ANY AREA, INCREASING PRODUCTIVITY AND GIVING US GREATER FLEXIBILITY."**

The Team at Amazon

**amazon**

**"NOW WE BRING OUR EQUIPMENT RIGHT TO THE JOB. WE'VE IMPROVED EFFICIENCY AND ELIMINATED A LOT OF FOOTSTEPS."**

John Larrabee  
IT Manager

**HOL-MAC**

## HOL-MAC: Precise and efficient manufacturing

What do you do when you make huge steel fabrications that have to be millimeter-precise? HOL-MAC—supplier of parts to John Deere, Caterpillar and others—solved the problem by giving QC staff Powered Carts, so they can bring their testing equipment to the work. They chose our NB Series with a PowerMaxx fixed-battery system—and now use them in shipping and receiving too!



## Karl Storz: Tale of the Water Spider

Karl Storz is a global manufacturer of sophisticated medical instruments. To improve production line speed and accuracy, they established the role of "water spider"—a worker dedicated to replenishing assembly components, so the rest of the team can work efficiently without running out of supplies. To support the Water Spider, they created a custom cart that carries a stock of parts and tracks inventory for each worker in real time. That single innovation yielded a 40% efficiency improvement. Their power source of choice? Powerswap Nucleus® Classic Dual.

**"WE DO THE WORK OF 3 WITH ONLY 1 PERSON DUE TO THE EFFICIENCIES OF THIS SYSTEM."**

Jodi P.  
Supervisor Material Control  
Karl Storz

**STORZ**

[NEWCASTLESYS.COM](http://NEWCASTLESYS.COM)

**NEWCASTLE SYSTEMS**

**SAVE STEPS.  
INCREASE PRODUCTIVITY.™**

# POWERSWAP NUCLEUS® POWER SYSTEMS



With its legendary reliability and ease of use, PowerSwap Nucleus® is the most popular portable power solution available. It's easy to see why:

- Fully swappable for multiple shifts or 24/7 operations.
- Advanced lithium technology for lowest total-lifespan cost, lighter weight, and 5-7 year battery life.
- Proven worldwide in thousands of installations.
- Compact size perfect for both carts and stand-alone use.

## POWERSWAP NUCLEUS® MINI

**Mini, but mighty.** Small-footprint swappable lithium power that provides an outstanding cost-to-performance ratio for lighter power applications.



APPLICATION	<input checked="" type="checkbox"/> Newcastle Carts <input checked="" type="checkbox"/> Other Carts <input checked="" type="checkbox"/> Stand-alone Recommended for our smaller LT and EC series carts, or add to your existing picking or other industrial carts.
SPECS	<ul style="list-style-type: none"> <li>• 4+ hours power cycle/battery</li> <li>• 6 lbs/battery</li> <li>• Includes power dock, charger, and swappable batteries</li> </ul>
TYPICAL POWERED COMPONENTS	Tablet/laptop or small thermal printer + scanner

## POWERSWAP NUCLEUS® CLASSIC

The compact and super-convenient power solution, with a mid-range power profile just right for many applications.



APPLICATION	<input checked="" type="checkbox"/> Newcastle Carts <input checked="" type="checkbox"/> Other Carts <input checked="" type="checkbox"/> Stand-alone Recommended for all Newcastle carts except our smaller LT and EC series, or add to your existing industrial carts.
SPECS	<ul style="list-style-type: none"> <li>• 8+ hours power cycle/battery</li> <li>• 11 lbs/battery</li> <li>• Includes power dock, charger, and swappable batteries</li> </ul>
TYPICAL POWERED COMPONENTS	<b>Solo:</b> Tablet/laptop + small thermal printer + scanner <b>Dual:</b> Laptop + thermal/inkjet printer + scanner

### CLASSIC SOLO

Our most popular system. Lightweight, easy to handle, with lasting Lithium power.

### FEATURED ACCESSORY

#### Introducing the Multi-Bay Charging Rack

With integrated cable management, there's no more space-efficient or convenient way to manage a fleet of batteries. Perfect for both Classic and Mini charging stations. Industrial mobility caster kit also available.



### CLASSIC DUAL

When more is more. Two batteries = more power, more equipment options, and never shutting down between shifts.



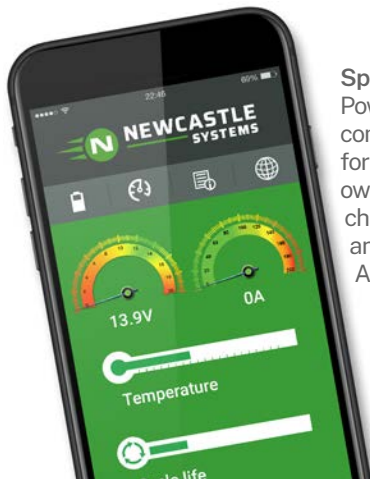
# POWERMAXX FIXED POWER SYSTEMS

The brawniest integrated power solution available for Newcastle carts, able to drive a full complement of hardware for 8-12 hours or longer.

- Ideal for heavy-draw equipment like multiple displays, laser printers and more.
- Available in both Sealed Lead Acid (SLA) and Lithium. SLA offers the lowest initial cost; Lithium provides lower total-lifespan cost, lighter weight, and 8x+ battery life.
- At shift's end, simply plug in the cart to be ready for the next day.

## POWERMAXX LITHIUM

Advanced tech meets brute strength. Get up to a decade of superior performance before needing even a battery change. Significantly lower cost of ownership compared with PowerMaxx SLA.



Special Lithium feature: PowerMaxx Lithium comes bluetooth-enabled for real-time stats via its own app. Data includes charge level, cycle life and more. Available for Android and Apple.

## POWERMAXX SLA

The original. Thousands of installations prove SLA's tried-and-true reliability.



APPLICATION	<input checked="" type="checkbox"/> Newcastle Carts <input type="checkbox"/> Other Carts <input type="checkbox"/> Stand-alone Integrated fixed power systems recommended for most Newcastle carts.
FEATURES & SPECS	<b>PowerMaxx Lithium</b> <ul style="list-style-type: none"> <li>• Lithium technology</li> <li>• 1/3 the weight of comparable SLA systems</li> <li>• 8-10 year battery life: Connect it and forget it</li> <li>• Bluetooth enabled</li> <li>• 8-12+ hours power cycle</li> </ul> <b>PowerMaxx SLA</b> <ul style="list-style-type: none"> <li>• Sealed Lead Acid technology</li> <li>• 1-2 year battery life</li> <li>• 8-12+ hours power cycle</li> </ul>
TYPICAL POWERED COMPONENTS	A wide range of equipment from tablet/laptop + thermal printer + scanner to desktop + laser printer + scanner.

# POWERPACK STAND-ALONE POWER SYSTEMS

PowerPack provides heaps of seamless AC power wherever you need it, without the noise, pollution, and uneven output of a generator.

- 100% safe for computers, printers, POS systems, AV equipment, and much more.
- Use in remote worksites, outdoor events, retail displays, film sets, healthcare—anywhere at all.
- Available in both Sealed Lead Acid (SLA) and Lithium. SLA offers the lowest initial cost; Lithium provides lower total-lifespan cost, lighter weight, and 8x+ battery life.

## POWERPACK ULTRA SLA

Lightweight and compact, PowerPack Ultra is the stand-alone solution for smaller equipment setups.



PP2.6-SLA SHOWN

APPLICATION	<input type="checkbox"/> Newcastle Carts <input checked="" type="checkbox"/> Other Carts <input checked="" type="checkbox"/> Stand-alone
FEATURES & SPECS	<ul style="list-style-type: none"> <li>• Sealed Lead Acid technology</li> <li>• 1-2 year battery life</li> <li>• 6-8+ hours power cycle</li> <li>• 33-45 lbs</li> </ul>
TYPICAL POWERED COMPONENTS	Available in two configurations to power a tablet/laptop, small thermal printer + scanner, or all three.

## POWERPACK MEGA

Quiet, seamless power, and lots of it. The go-to solution for all-day operations in industry, retail, healthcare, entertainment and more.

### MEGA LITHIUM

State of the art stand-alone power. Lithium makes it much longer-lasting for great value, and lighter for easy transport.



Bluetooth-enabled for real-time stats via its own app. Details on page 6.



PP42-LI SHOWN



APPLICATION	<input type="checkbox"/> Newcastle Carts <input checked="" type="checkbox"/> Other Carts <input checked="" type="checkbox"/> Stand-alone
FEATURES & SPECS	<p><b>PowerPack Mega Lithium</b></p> <ul style="list-style-type: none"> <li>• Lithium technology</li> <li>• 8-10 year battery life</li> <li>• 12+ hours power cycle</li> <li>• 71-90 lbs</li> </ul> <p><b>PowerPack Mega SLA</b></p> <ul style="list-style-type: none"> <li>• Sealed Lead Acid technology</li> <li>• 1-2 year battery life</li> <li>• 12+ hours power cycle</li> <li>• 109-198 lbs</li> </ul>
TYPICAL POWERED COMPONENTS	Both systems are available in several configurations to power a wide range of equipment—from laptop + thermal printer + scanner to desktop + laser printer + scanner. Plus scales, testers, POS systems, recording and sound equipment, lights, etc.

### MEGA SLA

Proven in countless installations, Mega SLA doesn't compromise on power delivery.



PP55-SLA SHOWN



# WELCOME TO THE FAMILY



John O'Kelly  
Newcastle CEO

We started Newcastle with two things: a great idea, and a conviction. Both have held true. The idea was as simple as it was innovative—to create mobile workspaces that would liberate employees to be more productive. And the conviction? Even when you are a “product company,” you’re always a “people company” first.

Since then, we have pioneered an entire industry, and we’re proud of that. But we’re even prouder of the relationships we’ve built—with our customers and with our amazing team—and that we’ve never lost sight of our goal of helping people make their work easier and more productive. That’s still what gets us up in the morning.

So whether you’re a long-time customer, or just considering a trial of one of our products, you have a place in the Newcastle family. To every one of you, from every one of us: We promise to do our very best to help you succeed, every single day.



## NEWCASTLE SYSTEMS: THE RECOGNIZED LEADER IN POWERED CARTS AND PORTABLE POWER SYSTEMS.

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SAVE STEPS.  
INCREASE PRODUCTIVITY.™