

# PowerSwap Nucleus<sup>®</sup> MINI Lithium Power System

PowerSwap  
**Nucleus<sup>®</sup>**  
Lithium MINI

NEW!



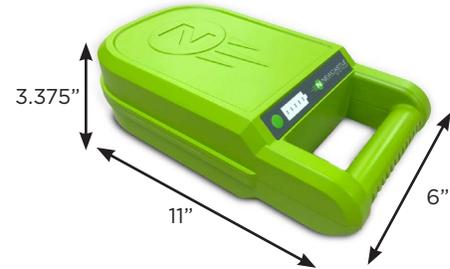
Lightweight, Swappable AC Power for Industrial Applications  
[www.newcastlesys.com/nucleus-mini](http://www.newcastlesys.com/nucleus-mini)

# PowerSwap Nucleus® MINI Lithium Power System

The PowerSwap Nucleus® MINI Power System is designed to expand productivity into all spaces of the warehouse/DC, production floor and other industrial environments. This rugged, yet lightweight battery system provides quiet, seamless AC power for 4-8 hours at a time. Once the battery charge is depleted, simply swap it with a fully charged one in a matter of seconds enabling a 24/7 operation.

## Outstanding Benefits

- Reduce excess worker motion, product transportation, and touches in your shipping/receiving, quality assurance, and material replenishment processes
- Interchangeable - designed to mount to your own industrial cart, picking cart or Newcastle EC Series workstation
- Plug & play power system - no tools, heavy lifting or maintenance personnel required for battery changes
- Extreme longevity - 5 to 7 year battery life (or 3,000 cycles)
- Ideal for multiple shifts or 24/7 operation
- Safe & stable battery chemistry



## Technical Specifications

### System Consists of:

- 1 to 2 lithium iron phosphate battery packs
- Power docking station
- Battery charging station



<b>Power Components:</b>	<b>PWD1M - PowerDock MINI</b>
<b>Typical Hardware &amp; Run Time:</b>	Laptop, small barcode printer & scanner for 4 hours
<b>Output:</b>	(2) 115VAC Outlets
<b>Continuous Output Power:</b>	120 watts
<b>Surge Power:</b>	300 watts
<b>Operating Temp. Range:</b>	50 - 104° F
<b>Hot Swappability:</b>	No
<b>PowerDock Dimensions &amp; Weight:</b>	8.5" W x 10" L x 8" H / 5.5 lbs. (216 x 254 x 203 mm) / (2.5 kg)
<b>Charging Components:</b>	<b>PWC1M - PowerCharge MINI</b>
<b>Approximate Charge Time:</b>	2.5 Hours
<b>Operating Temp. Range:</b>	50 - 104° F
<b>PowerCharge Dimensions &amp; Weight:</b>	8.5" W x 10" L x 8" H / 5.5 lbs. (216 x 254 x 203 mm) / (2.5 kg)
<b>Battery Pack:</b>	<b>PSNU1.8M - Lithium Battery</b>
<b>Capacity:</b>	230Wh
<b>Chemistry:</b>	Lithium Iron Phosphate
<b>Battery Dimensions &amp; Weight:</b>	6" W x 11" L x 3.375" H / 6 lbs. (152 x 279 x 86 mm) / (2.7 kg)