

# PowerSwap Nucleus Lithium Power System

## ALL-IN-ONE NB Series SLIM Workstation



PowerSwap  
**Nucleus**  
Lithium Power System

Introducing Our First Swappable Lithium Power System  
[www.newcastlesys.com/powerswap-lithium](http://www.newcastlesys.com/powerswap-lithium)

The NB Series SLIM workstation with the PowerSwap Nucleus lithium power system is the first of its kind designed for industrial environments. This rugged, yet lightweight unit provides quiet, seamless AC power for 8-12+ hours at a time. Once the battery charge is depleted, simply swap it with a fully charged one in a matter of seconds.

## Outstanding Benefits:

- Narrow footprint (18" wide) and lightweight (each battery weighs only 11 lbs.)
- Plug & play power system - no tools, heavy lifting or maintenance personnel required for battery changes
- Hot swappable - never run out of battery power or lose a terminal session
- Ideal for multiple shifts or 24/7 operation
- Extreme longevity - 5 to 7 year battery life (or 3,000 cycles)
- Wide variety of optional accessories available for a highly versatile workstation

## System Consists of:

- NB Series SLIM workstation with battery docking station
- 1 to 4 lithium battery packs
- Battery charging station



Footprint: 18" W x 26" L x 43" H  
 Weight: 108 lbs. + batteries



Easily swap with a fully charged pack in a matter of seconds



Stand alone battery charging station  
 Footprint: 16" W x 11 5/8" D x 11 1/2" H  
 Weight: 20 lbs.

## Technical Specifications

<b>Each Battery:</b>	36 AH lithium iron phosphate; Supports up to 460 watt hours
<b>Approximate Charge Time:</b>	4-8 hours
<b>Status Meter:</b>	Battery LED display indicates the current charge in battery
<b>Battery Dimensions &amp; Weight:</b>	6.5" wide x 12.82" long x 6.4" high (165 x 326 x 163 mm) 11 lbs. (5 kg)
<b>NB Series SLIM Workstation</b>	
<b>Shelf (1 Standard):</b>	18" wide x 22" deep (457 x 559 mm) laminated; 75 lbs. (34 kg) capacity
<b>Height Adjustable:</b>	Shelf adjustable from 20-40" (508-1016 mm)
<b>Cart Dimensions &amp; Weight:</b>	18" wide x 26" long x 43" high (457 x 660 x 1092 mm) 108 lbs. (49 kg) plus batteries - 11 or 22 lbs. (5 or 10 kg)