

# PowerSwap Nucleus® Lithium Power System

## ALL-IN-ONE PC Series Workstations



Heavy-Duty Mobile Powered Workstations with  
PowerSwap Nucleus® Lithium Power System  
[www.newcastlesys.com/powerswap-lithium](http://www.newcastlesys.com/powerswap-lithium)

The PC Series workstations with the PowerSwap Nucleus® lithium power system is the first of its kind designed for industrial environments. This rugged 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:

- Heavy-duty, robust workstation, now with less weight (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:

- PC Series workstation with battery docking station
- 2 or 4 lithium battery packs
- Battery charging station



New & improved casters provide 50% improvement in rolling force.

PC Series Workstation shown is a 30" (902 mm) deep unit with optional accessories.



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

	PC490NU2 / PC490NU4 30" Shelf	PC495NU2 / PC495NU4 48" Shelf
NU2= 2 battery packs per system NU4= 4 battery packs per system		
<b>Shelf Capacity (1 Standard):</b>	400 lbs. total: 100 lbs. (45 kg) on top, 100 lbs (45 kg) on optional middle shelf, and 200 lbs. (91 kg) on bottom	
<b>Casters:</b>	6 x 3" (152 x 76 mm) rubber wheels, front fixed, rear locking swivel	
<b>Color &amp; Construction:</b>	Black powder coat & steel	
<b>Battery Type:</b>	Lithium Iron Phosphate (LiFePO4)	
<b>Continuous Output Power (W):</b>	120 (1 battery) / 240 (2 batteries)	
<b>Surge Power:</b>	550 (1 battery) / 825 (2 batteries)	
<b>Battery Bank (Wh):</b>	460 (1 battery) / 920 (2 batteries)	
<b>Charge Time (Hrs):</b>	8 / 4 w/ optional FastCharge	
<b>Operating Temp. Range (F):</b>	50-104°	
<b>Dimensions:</b>	35.5" L x 26" W x 43" H (902 x 660 x 1092 mm)	54" L x 26" W x 43" H (1321 x 660 x 1092 mm)
<b>Total Weight : (cart, batteries, charging station)</b>	NU2 210 lbs. (95 kg) / 240 lbs. (109 kg)	NU2 234 lbs. (106 kg) / 274 lbs. (125 kg)