

PowerSwap Nucleus[®] Lithium Power System

ALL-IN-ONE NB Series Workstations



The First Swappable Lithium Power System for
Industrial Environments

www.newcastlesys.com/powerswap-lithium

The NB Series workstations 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 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 workstation with battery docking station
- 2 or 4 lithium battery packs
- Battery charging station



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.



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

Technical Specifications

	NB300NU2 / NB300NU4		NB300NU2 / NB300NU4-SLIM	
NU2= 2 battery packs per system NU4= 4 battery packs per system				
Height Adjustable:	Shelf adjustable from 20-40" (508-1016 mm)			
Shelf Capacity (1 Standard):	Laminated; 75 lbs. (34 kg) capacity			
Casters:	5" x 2" (127 x 50 mm) rubber wheels, front fixed, rear locking swivel			
Color & Construction:	Black powder coat & steel			
Battery Type:	Lithium Iron Phosphate (LiFePO4)			
Continuous Output Power (W):	120 (1 battery) / 240 (2 batteries)			
Surge Power:	550 (1 battery) / 825 (2 batteries)			
Battery Bank (Wh):	460 (1 battery) / 920 (2 batteries)			
Charge Time (Hrs):	8 / 4 w/ optional FastCharge			
Operating Temp. Range (F):	50-104°			
Dimensions:	26" L x 24" W x 43" H (660 x 610 x 1092 mm)		26" L x 18" W x 43" H (457 x 660 x 1092 mm)	
Total Weight : (cart, batteries, charging station)	NU2	NU4	NU2	NU4
	155 lbs. (70 kg) / 179 lbs. (81 kg)		150 lbs. (68 kg) / 174 lbs. (79 kg)	

73 Ward Hill Ave. • Haverhill, MA • 01835 • USA • 781.935.3450 • www.newcastlesys.com