

PowerSwap Nucleus[®] Lithium Power System

NB Series Workstations with New PowerDock Solo



PowerSwap
Nucleus[®]
Lithium Power System

The First Swappable Lithium Power System for
Industrial Environments

www.newcastlesys.com/powerswap-lithium

The popular NB Series Workstations with PowerSwap Nucleus® lithium power are now available with the NEW single bay option. Designed for industrial environments, these lightweight units provide seamless AC power for 8+ hours at a time. Once the battery charge is depleted, simply swap it with a fully charged one in 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
- 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



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.
(Required, and ordered separately)



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

Technical Specifications

System Consists of: (a) 1 to 2 lithium iron phosphate battery packs (b) Power docking station (c) Battery charging station

	NB104NU	NB104NU-S
Height Adjustable:	Shelf adjustable from 20-40" (508 x 1016 mm)	
Shelf:	24" W x 22" D laminated (610 x 599 mm)	18" W x 22" D laminated with hand bevels (457 x 599 mm)
Shelf Capacity:	75 lbs. (34 kg) per shelf evenly distributed	
Casters:	5" x 2" (127 x 50 mm) rubber wheels, front fixed, rear locking swivel	
Color & Construction:	Black & Powder Coated Steel	
Dimensions & Weight:	26" L x 24" W x 43" H (660 x 610 x 1092 mm) 107 lbs. (48.6 kg)	26" L x 18" W x 43" H (660 x 457 x 1092 mm) 102 lbs. (46.4 kg)
Typical Hardware & Run Time:	Laptop, small printer & scanner for 8+ hours	
Continuous Output Power (W):	120	
Surge Power (W):	550	
Battery Bank (Wh):	460	
Operating Temp. Range (F):	50-104°	
PowerDock Dimensions & Weight:	8.4" W x 11" L x 13.25" H / 12 lbs. (214 x 279 x 337 mm) / (5.5 kg)	
Charging System Components:	PowerCharge Dual (PWC-2) / PowerCharge Dual (PWC2-FC)	
Charge Time (Hrs):	8 / 4	
Operating Temp. Range (F):	50-104°	
PowerCharge Dimensions & Weight:	16" W x 11.625" L x 11.5" H / 20 lbs. (406 x 295 x 292 mm) / (9 kg)	
PSNU3.6 Battery Pack:	Lithium Iron Phosphate; Supports up to 460 Wh	
Battery Dimensions & Weight:	6.5" W x 12.82" L x 6.4" H / 11 lbs. (165 x 326 x 163 mm) / (5 kg)	