



With legendary reliability, this swappable power system outpowers other batteries by almost 90%

The PowerSwap Nucleus® Classic Lithium Power System is designed to expand productivity into all spaces of the warehouse/DC, production floor and other industrial environments. These rugged, yet lightweight battery systems provide 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 enabling a 24/7 operation.



Outstanding benefits

- › Exceptional price-to-performance – outpowers other swappable batteries by almost double
- › Provides 240 W continuous output power and 920 Wh battery bank (2-battery system)
- › Interchangeable – designed to mount to your own industrial cart or any Newcastle cart configuration
- › 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)
- › Safe & stable advanced battery chemistry
- › Proven technology - thousands of installations worldwide

Newcastle PowerSwap Nucleus® Classic Lithium Power System



PSNU-RM Remote Battery Meter

Advanced monitoring unit that measures and displays your battery's remaining runtime



Power system consists of:

> 1 to 4 lithium iron phosphate battery packs

- > Power docking station
- > Battery charging station

OR

- > Power hybrid station with on-board charging



Power System Components:	PowerDock Solo (PWD1)	PowerDock Dual (PWD2C)	PowerDock Hybrid (PWD2C-H-TSW)
Typical Hardware & Run Time:	Laptop, small printer & scanner for 8+ hours	Laptop, industrial printer & scanner for 8-12+ hours (with 2 batteries)	
Continuous Output Power:	120 watts	120 (1 battery) / 240 watts (2 batteries)	120 (1 battery) / 240 watts (2 batteries) - Pure sine
Surge Power:	550 watts	550 / 825 watts	550 / 700 watts
Battery Bank:	460 Wh	460 / 920 Wh	
Operating Temp. Range:	50 - 104 F		
Hot Swappability:	No	Yes	Yes
On-board Charging:	No	No	Yes, charges in 4-5 hours
PowerDock Dimensions & Weight:	8.4" W x 11" L x 13.25" H / 12 lbs. (213 x 279 x 337 mm) / (5.5 kg)	17.75" W x 11.63" L x 10" H / 15 lbs. (451 x 295 x 254 mm) / (6.8 kg)	17.75" W x 11.63" L x 13" H / 20 lbs. (451 x 295 x 330 mm) / (9.1 kg)
Charging System Components:	PowerCharge Dual (PWC2C)		Battery Charges on PowerDock Hybrid
Approximate Charge Time:	4-5 Hours		
Operating Temp. Range:	50 - 104 F		
PowerCharge Dimensions & Weight:	17.75" W x 11.63" L x 10" H / 15 lbs. (451 x 295 x 254 mm) / (6.8 kg)		
PSNU3.6 Battery Pack:	460 Wh Lithium Iron Phosphate		
Battery Dimensions & Weight:	6.5" W x 12.82" L x 6.4" H / 11 lbs. (165 x 326 x 163 mm) / (5 kg)		

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INCREASE PRODUCTIVITY.™