

Newcastle PowerSwap Nucleus® Classic Lithium Power System



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SYSTEMS

(844) 477-4911 | www.ipsiscan.com



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

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**SAVE STEPS.
INCREASE PRODUCTIVITY.™**

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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