

Eaton introduces new high-powered VRLA battery models

Recent additions to Eaton’s valve regulated lead acid (VRLA) battery portfolio now provide best in class price and footprint, especially for larger UPS systems. Eaton’s new PWXP series batteries, available in 502 and 651 watt per cell capacities, utilize enhanced chemistries to maximize power density and save valuable floorspace compared to other VRLA solutions.

These batteries now come in a brand-new cabinet offering an average 27-34% footprint reduction and a price that will make this all-Eaton UPS/battery combination hard to beat!

The new PWXP batteries offer many benefits to our customers.

- ✓ More backup time for the price
- ✓ More capacity per square foot
- ✓ Choice of 4 battery breaker sizes (reduces # of cabinets)
- ✓ Roll-out trays for faster, safer service
- ✓ Provisions for mounting Cellwatch battery monitoring components
- ✓ Thermal sensor to communicate with UPS or building management system
- ✓ Welded frame cabinet design for stability
- ✓ IBC2018 seismic rated
- ✓ Longer battery service and shelf life
- ✓ Faster recharge times
- ✓ TAA approved
- ✓ 3-year full parts warranty, extendable to 5 years

Additionally, this new offering is a viable alternative to typical UPS batteries at an attractive price. For UPS sizes in the range of 200 to 1200 kW, the system designer can expect footprint savings up to 40% compared to the most commonly specified VRLA battery systems of similar capacity. Every square foot of savings carries a reduction in upfront cost and total cost of ownership, allowing more space for revenue generating IT equipment and helping to keep operating costs down.

What makes this battery better for Eaton and their customers? New changes to the battery chemistry significantly improve capacity (especially at the 5-minute rate), increase shelf life to 8 months without need for recharge, and improve charge acceptance, which impacts data center availability while reducing battery stress.

The new PWXP batteries fill some gaps in the existing Eaton PWHR series, so that Eaton’s entire range of 3-phase UPSs can now be supplied with a common battery product line. This means Eaton can closely track and manage performance and

Battery performance comparison 5 minute rate capacity in same footprint

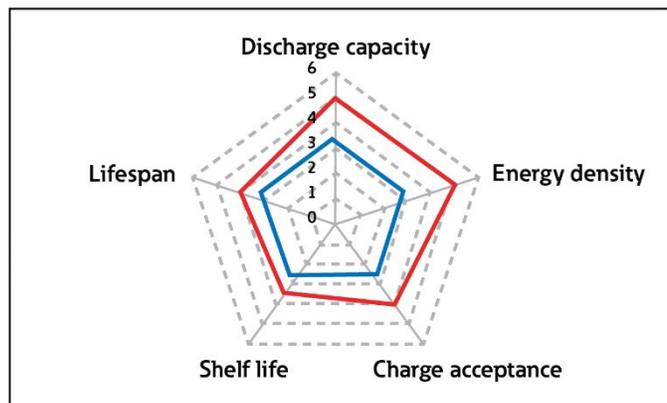


FIGURE 1: BATTERY COMPARISON CHART
Legend: PWXP (Red), PWHR (Blue)

warranty. With a base 3-year warranty on the PWXP batteries, Eaton can also offer an optional 5-year product warranty extension for a very small price adder.

For more information, please reach out to your Eaton sales representative or contact:

Pre-sales support 800.356.5794

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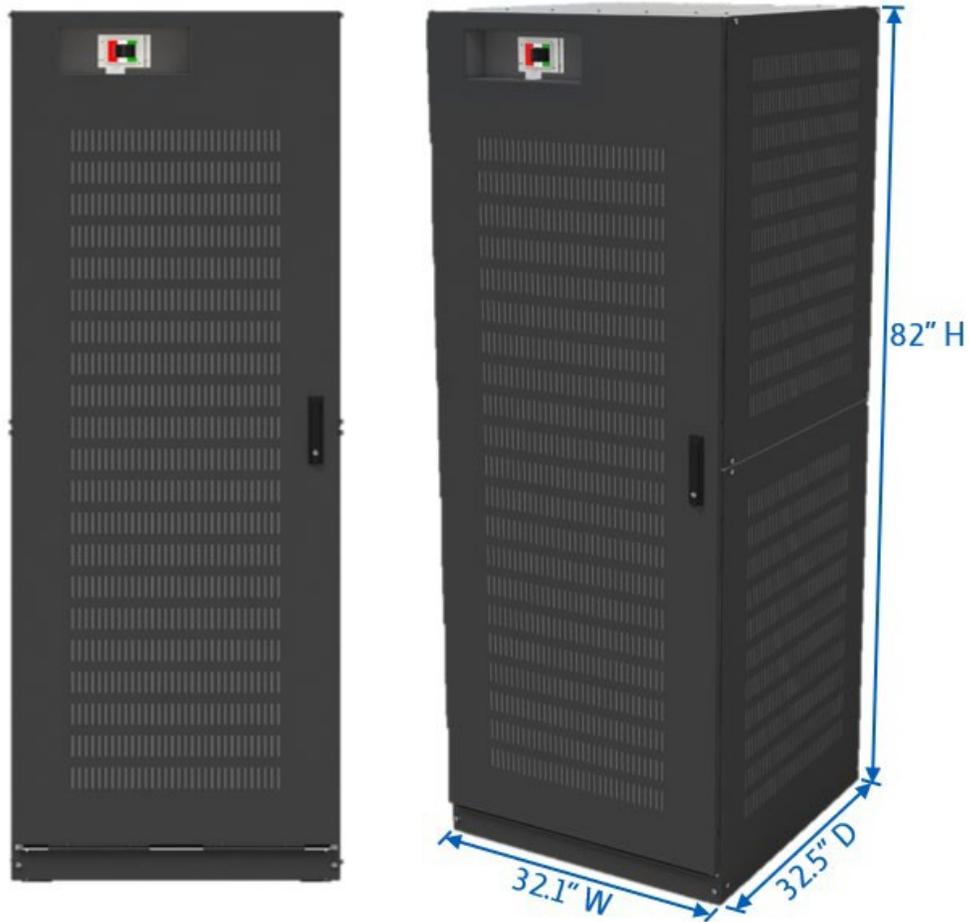


FIGURE 2: IP5S CABINET MODELS