



With more than 85 years of motive power experience and innovation, HAWKER® offers a complete line of battery and charger motive power solutions. HAWKER® power solutions are designed to reduce environmental impact, lower operational costs, increase productivity, and improve customer operations.

For the right HAWKER® power solution to meet your needs, please call 1-877-7HAWKER for a HAWKER® representative in your area.

WATER LESS®

THE POWER TO REDUCE EXPENSES



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The WATER LESS® battery requires watering only 4 to 6 times each year.* WATER LESS® provides solid performance, reduces expenses, and eliminates the need for a special charger. When packaged with a scheduled maintenance plan, WATER LESS® can help get you out of the maintenance business.



THE POWER TO REDUCE EXPENSES

Concerned about maintenance expenses? The WATER LESS® battery is our preferred solution for customers looking to reduce watering problems and expenses without sacrificing run time or cycle life. Requiring watering just 4 to 6 times per year* in normal applications, WATER LESS® combines the benefit of full power and reduced cost.

- Valve-regulated ('sealed') products, while being environmentally friendly, can cost you extra dollars in terms of lost capacity, reduced cycle life, and higher initial cost. They also require a special charger.
- WATER LESS® on the other hand can reduce maintenance expenses by 90% or more while maintaining full capacity and long cycle life. The WATER LESS® battery does not require a special charger.
- When compared to a standard battery, WATER LESS® saves you time and money. Less watering, less labor, and less room for watering error.

REDUCED MAINTENANCE

By using proprietary grid metallurgy, special water-saving sleeve separator material, and vent caps designed to minimize water loss, the HAWKER® WATER LESS® battery requires watering 4 to 6 times per year.* Less watering. Less room for error. If for some reason the battery is watered before the scheduled interval, the battery's performance will not be affected.

When tied to a scheduled maintenance program, WATER LESS® can become "maintenance free" without the drawbacks.

TAKE A LOOK AT THE FOLLOWING WATER LESS® BATTERY COMPARISONS:

	STANDARD (POWERLINE™)	WATER LESS®
Battery Construction	Flooded	Flooded
Capacity	Full	Full
Application	Medium / Heavy	Medium / Heavy
Life Cycles*	1500-2400	1500-2000
Watering Interval*	Weekly / Biweekly	4-6 Times per Year
Maintenance	Average	Low
Environmentally Friendly	Average	Greatly Improved
Hydrogen Generation	Full	Greatly Reduced
Special Charger Required	No	No
Opportunity Charging	Yes (with Special Criteria)	No
Recharge Time	8 hrs.	8 hrs.

* Based on one cycle per day and 80% DoD.

Reduced Expenses

WATER LESS® THE POWER TO REDUCE EXPENSES

Reduced maintenance means less watering, reduced expenses, and no special charger required.

Less Watering: The WATER LESS® battery starts gassing later and due to better charge acceptance does not gas as heavy to mix the acid with electrolyte. This means that WATER LESS® only needs to be watered 4 to 6 times per year.*

No Special Charger: May be charged on a standard charger; no special requirements or special charger needed.

Maintenance Plan: WATER LESS® can help get you out of the maintenance business. Your HAWKER® dealer can set up a comprehensive, programmed maintenance agreement including watering your batteries. This offers you a "no maintenance" battery option.

SOLID PERFORMANCE

No need to sacrifice performance for reduced maintenance. WATER LESS® provides the full performance of a flooded battery.

- **Full Capacity:** The WATER LESS® battery offers full 85, 100, and 125 AH capacities.
- **Long Life:** The WATER LESS® battery maintains an estimated cycle life of 1,500-2,000 cycles, based on one cycle per day and 80% DoD.
- **Application:** The WATER LESS® battery can be used in medium and heavy applications.

WATER LESS® AT A GLANCE

A powerful solution, WATER LESS® batteries:

- Save maintenance dollars
- Deliver full capacity and performance
- Do not require a special charger
- Do not require additional counterweight
- Can be maintained on a quarterly PM program

WATER LESS® COST COMPARISON

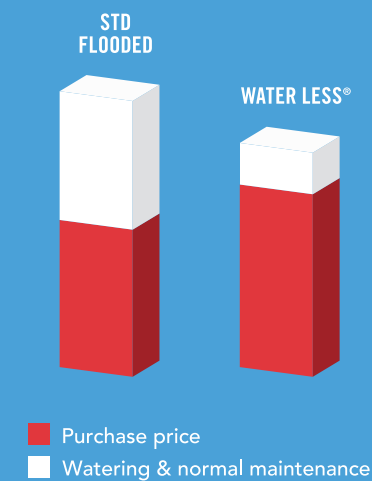
Let's compare the WATER LESS® battery to both standard flooded batteries and to valve-regulated batteries. If you're concerned about the Annual Cost of Ownership (watering and maintenance expenses as well as the initial investment cost), the WATER LESS® battery is the clear choice.

- Compared to standard flooded batteries, WATER LESS® saves you time and money. Watering only 4 to 6 times per year,* instead of weekly, can save 90% or more of your watering expense. And less watering means fewer problems caused by over/under watering.
- Compared to valve-regulated batteries, WATER LESS® is not only more economical to own, but also delivers more capacity and longer life.

Ask your HAWKER® Sales Representative to conduct a WATER LESS® Cost Savings Analysis for your company so you can see what a difference the WATER LESS® battery can make on your bottom line.

ANNUAL COST OF OWNERSHIP

Based on the standard flooded and WATER LESS® battery cycle life of 5 years.



For the right HAWKER® power system solution to meet your needs, please call 1-877-7HAWKER for a HAWKER® representative in your area.