

WATER LESS[®]

THE POWER TO REDUCE EXPENSES



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®	VRLA (ENVIROLINK™)
Battery Construction	Flooded	Flooded	Valve-Regulated ("Sealed")
Capacity	Full	Full	Reduced
Application	Medium / Heavy	Medium / Heavy	Light / Medium
Life Cycles*	1500-2400	1500-2000	900
Watering Interval*	Weekly / Biweekly	4-6 Times per Year	None
Maintenance	Average	Low	Virtually None
Environmentally Friendly	Average	Greatly Improved	Almost Completely
Hydrogen Generation	Full	Greatly Reduced	Virtually None
Special Charger Required	No	No	Requires VRLA Profile
Opportunity Charging	Yes (with Special Criteria)	No	No
Recharge Time	8 hrs.	8 hrs.	8-16 hrs. Depending on Battery/Charger

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

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.

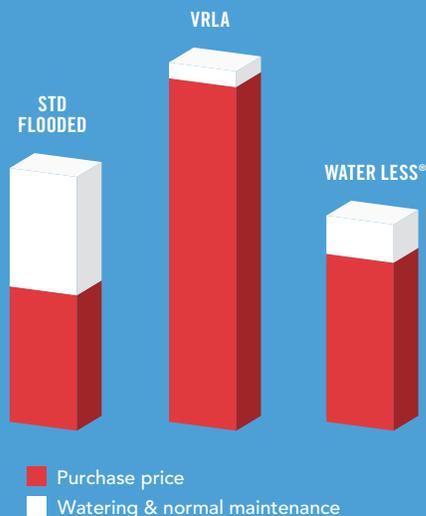
WATER LESS® AT A GLANCE

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

ANNUAL COST OF OWNERSHIP

Based on the standard flooded and WATER LESS® battery cycle life of 5 years and VRLA cycle life of 3 years.



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.

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



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

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LEADING EDGE MOTIVE POWER SYSTEM SOLUTIONS

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