

BATTERY FLEET MANAGEMENT EQUIPMENT
NAB 2.0 - NEXT AVAILABLE BATTERY

SETUP OPTIONS

Change Out

Gives the operator choice of three batteries from the selected battery type to choose from.

Quick View

Allows operator to look ahead to see what battery of selected type is the next available. This is useful if truck operators notify the battery extractor operator they are coming in for battery change.

Truck

Allows you to inventory and track the activity of the truck fleet.

Metered Truck Hours

Monitors the actual runtime of a battery, rather than the time the battery was sitting on the truck.



ADDITIONAL OPTIONS

Remote Report Viewer

The NAB 2.0 can be set up so the database of information can be located on a wireless network. This allows two separate battery changers to share information and track batteries in the same fleet. The reports can also be viewed from a remote computer.

Password Lockout

This option requires that a User ID be entered before the battery extractor will travel to prevent unauthorized use of the battery extractor.

Sequence Error Alarm

An audible or visual alarm will indicate if the wrong battery is scanned during the battery change out process.

Badge Reader

By adding a badge reader to the system, users may enter their User ID when prompted by the NAB 2.0 without having to type in the id on the touch screen computer. This option may be integrated with Employee ID badges as well.

ONE SOLUTION. ONE CALL.

The Next Available Battery (NAB) monitoring system from BHS is a complete battery management solution. It reduces downtime – and increases productivity. It cuts maintenance costs and time-consuming battery operations.

**Want to know more?
It just takes one call.
1-800-247-9500**



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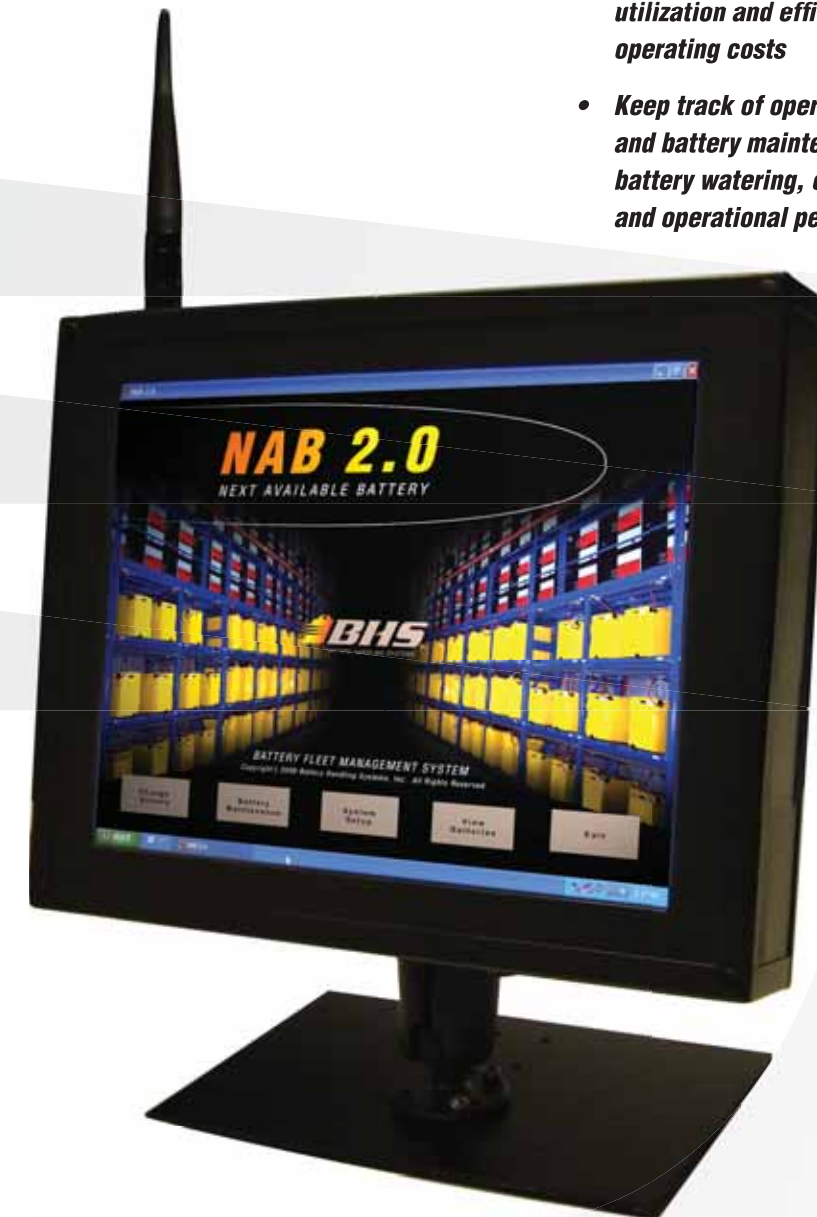
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Data Sheet: SF-9059 08/06 5M

BATTERY FLEET MANAGEMENT EQUIPMENT
NAB 2.0 - NEXT AVAILABLE BATTERY

NAB Series

BATTERY MANAGEMENT SOLUTIONS

- **Track all battery types for maximum utilization and efficiency – and lower operating costs**
- **Keep track of operational performance and battery maintenance tasks such as battery watering, equalizing, washing and operational performance**



BATTERY HANDLING SYSTEMS



BATTERY FLEET MANAGEMENT EQUIPMENT
NAB 2.0 – NEXT AVAILABLE BATTERY

More Efficiency – More Productivity
Less Guesswork – Less Cost

The Next Available Battery (NAB) monitoring system from BHS is more than just a complete, convenient inventory of every battery in the system. It brings built-in benefits of an advanced battery management solution: the ability to prolong the life of your battery fleet – while you cut maintenance costs, save time and increase productivity.

It's a unique blend of innovation and insight that highlights all of the cycle data for each battery; indicates when to wash, equalize and water batteries, and tracks and archives all appropriate data.

FEATURES & BENEFITS

- Spotlights which battery is next available by battery or truck type
- Industrial computer operates in extreme temperature and harsh environmental conditions
- Tracks batteries taken out of system for maintenance
- Adjustable watering notification by cycle count
- Equalizes cycle notification by cycle count
- Adjustable wash notification by cycle count
- Tracks total cycle counts
- Provides min, max and average battery run times
- Notifies if battery is changed out prematurely
- Helps pinpoint specific source of potential battery problems
- Reduces change out time
- Forecasts battery end of life
- Tracks battery change-out times
- Password protected
- Provides battery management reports
- Tracks battery performance by manufacturer
- Details battery utilization by truck
- Identifies and tracks customer's battery identification number

Here's how it works:

The lift truck pulls into the battery change-out area. The battery extractor operator scans the lift truck or battery ID bar code. The NAB system prompts the operator for a user ID followed by the lift truck hour meter reading.

The NAB system will give a battery location of the next available battery and alerts the operator if the battery needs washing, watering, or to be equalized. The next available battery is then scanned by the extractor operator to verify by NAB that the operator has selected the correct battery. After the battery is placed back in the lift truck the operator scans the truck ID once again which completes the change-out cycle.



NAB's Data Collection

- battery ID number
- truck ID
- truck hour meter reading
- operator ID
- battery on truck hours
- battery on rack hours
- battery run time hours
- battery wash cycle
- battery watering cycle
- battery equalize cycle

Note: The above overview is based on all system features being turned on.

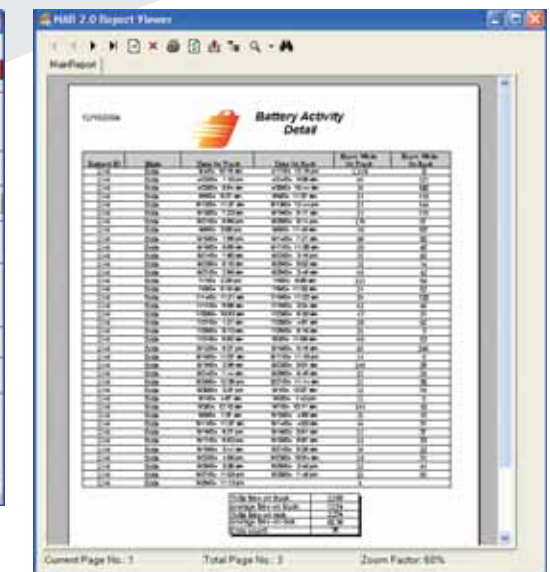
Reports

The system's user-friendly software and screen combination also makes it easy to view data records as well as select a wide range of custom reports. Those reports include an in-depth look at everything from battery hold and wash lists to activity summaries of all trucks and operators entered into the NAB system. There's even a forecast report that pinpoints which batteries should be taken out of service.

No Limits

Unlike other systems, there is no limit on charger types or the number of batteries that can be incorporated into the system. NAB works with all charger models and does not require module boxes, battery ID modules or extensive wiring and installation.

Additional batteries and chargers can be added easily into the system at any time.



Safe and Secure

NAB 2.0 comes with a built in level of security to protect vital battery data. Log-in and password features make sure only the right people can access the system.

NAB 2.0 Includes:

Bar Code Scanner – the rugged bar code scanner is a high-performance device; its lightweight design makes it easy for the operator to use.

Touch Screen – the industrial touch screen computer provides an all-in-one solution for installations where space is at a premium. A unique combination of touch and information in a quiet, robust design, the touch computer offers lower overall installed cost than separate components.

Barcode Labels - the acid resistant barcode labels provide quick tracking of batteries, trucks, and battery rack locations.

ENVIRONMENTAL SPECS

Vibration /Shock Impact Resistance:

MIL STD 810F, Method 516.5 (3 Ft. Drop Spec)
 MIL STD 810, Method 514.5 (Vibration)

Operating Temperature:

0 - 140° F / 0 - 60° C (Low Temp Option Available)

Relative Humidity:

10% - 90% at 104° F / 40° C

Water & Dust:

Ingress Protection (IP) 54 Rated