NAM KYUNG

NK-DBMS

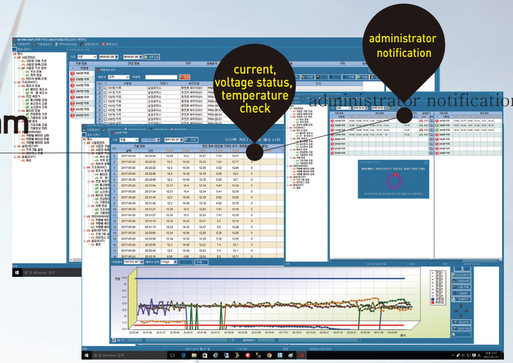
DATE BASE MANAGEMENT SYSTEM

Battery Care Solution

Battery sensor

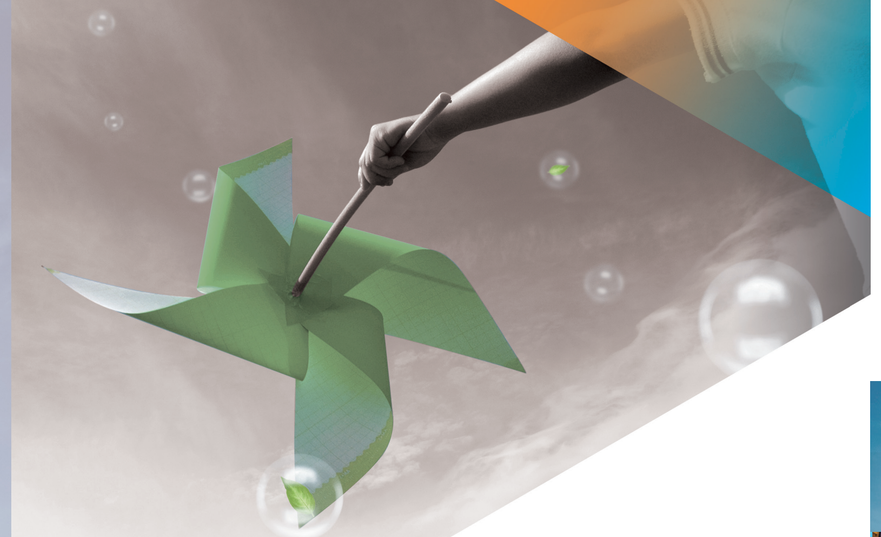
Power used	6V ~ 36V	Current in use	55mA
Outward appearance	154*105*35	Communication method	Wi-Fi

Battery management control program



Battery Care Mobile App

- Management of basic materials such as vehicles and devices used, battery manufacturers and types
- Determination of battery voltage status, current, temperature and management through distilled water check
- View the real-time battery status and battery change status for each vehicle
- Statistical data are provided by period, manufacturer and item of measurement.
- Real-time battery condition determination and administrator notification.



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Real-time battery management system

NK-DBMS

Sit down comfortably from now on and take care of the battery!

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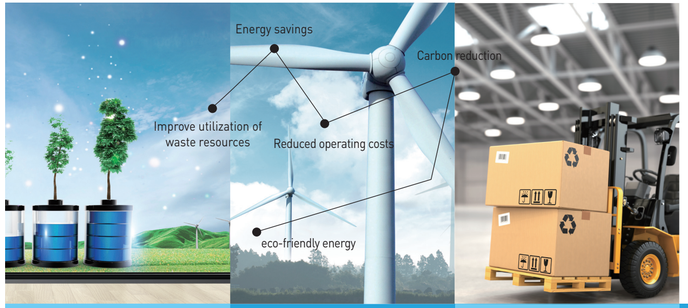
DATE BASE MANAGEMENT SYSTEM

Battery remote control system

NK-DBMS is a system that collects real-time battery information from remote locations with state-of-the-art digital sensors and technology power, and analyzes the state of the battery to maintain and manage optimal battery health through its own life extension technology. Discover affordable and affordable eco-friendly energy technologies such as reducing carbon emissions, reducing energy consumption, increasing utilization of waste resources, and reducing transportation costs.



Efficient battery care

Pre-check and manage each battery condition according to the type and characteristics of batteries in use on a remote vehicle or device to maintain a stable battery condition.

Lower management costs

Precheck battery condition to predict and respond to failures.
Reduced battery care costs by switching cycles and extended battery life (approximately 20-30% vs.)

Real-time remote monitoring

The battery condition of the battery in remote locations is monitored in real time 24 hours through sensors using the Internet of Things.

NK-DBMS Features

Battery step-by-step status indication and automatic alarm

- Analyze real-time data and determine the level of "normal," "caution,""inspection," and "replacement" as four steps.
- Check the battery condition of each vehicle and inform the administrator of when to replace it in real time

Systemic management

- Preventive maintenance and expert management through real-time monitoring and real-time analysis
- plan for on-site inspection and maintenance by analyzing collected battery condition data.
- Provide various statistical data through big data analysis

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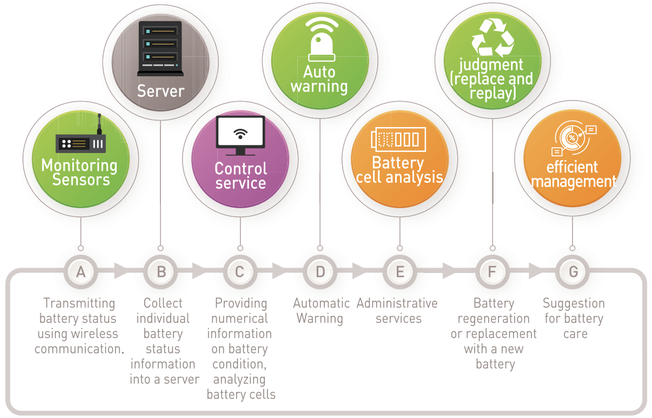

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The need for battery care

Design battery life	Service battery life
2 - 5 years	1 - 2 years

If the battery is not managed, actual use can be used for 1 to 2 years. Remote control of the battery allows extended battery life, reducing the cost of replacing the battery, as well as automatic check, real-time notification, and preventing accidents.