

IDCE-8100 Wireless Battery Capacity Monitoring System



- ✚ Wireless design, easy and quickly
- ✚ High speed capacity prediction function
- ✚ Monitoring 4 battery units simultaneously
- ✚ Fit to any kind of battery systems (48V and UPS system)

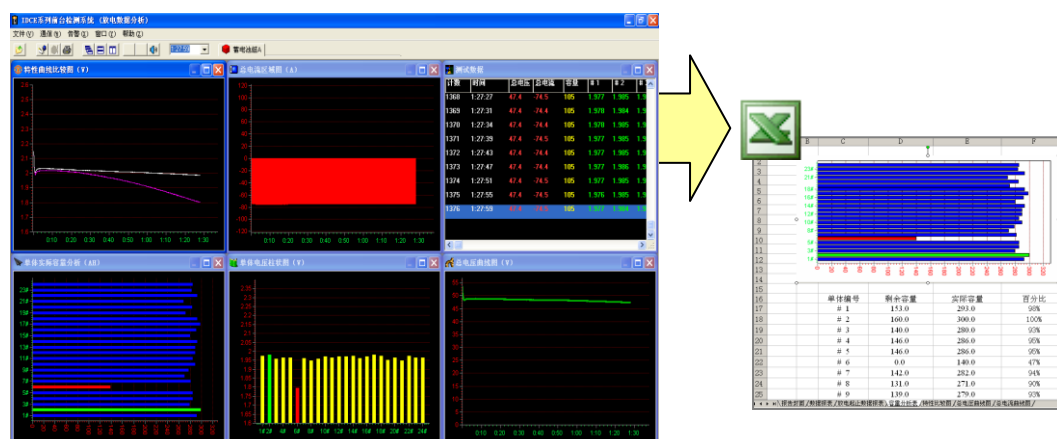
In the routine battery test and maintenance, it's necessary to monitor the working situation of each individual battery. Traditional online battery capacity tester has several potential safety problems like complicated connection, vulnerable structure. The latest IDCE-8100 monitoring system which own wireless real-time supervising and high speed capacity predicting function can quickly and accurately capture the tiny change of the parameters like voltage, current and so on. Compare with traditional wired battery capacity tester, wireless system is safer and more convenient, meanwhile, applying several new technologies in the section of monitoring, sampling and transmitting, IDCE-8100 systems offer an accurate and reliable experience.

◆ FEATURES:

- Applying wireless transmitting technology, IDCE-8100 can monitor and record the voltage, current of battery, high speed data sampling can capture every tiny change in discharging.
- Applying bus data structure and supporting multiple battery packs monitoring simultaneously (up to 4 battery packs). It's very efficient that the quantities of battery in the battery pack are unlimited.
- Various monitoring mode: online/ discharge/ charge monitoring
- Quick capacity prediction: the software with battery capacity analyzing functional model can predict the surplus capacity of each battery by the online discharge data in 5 min.
- Wireless battery monitoring module is suitable for the discharge/charge test of 2V/6V/12V battery packs. Each module can monitor 4 batteries. Easy to connect and economic.
- High accuracy: unique calculation of the battery pack voltage effectively decrease the deviation in connection. User can calibrate IDCE-8100 (included current clamps and wireless modules) in the software without extra accessory.
- Wireless module address editing function: wireless module address code can be modified

by the software without extra accessory.

- The frequency band of wireless modules is safe, no interruption to any working devices and low power consumption.
- Wide voltage range fit to any kind of battery systems
- Internal alarm function: when find out the lag battery or other abnormal situation, system will alarm to notice user and make a record about alarm information.
- USB and RS232 data transmission port: it's convenient to connect with PC.
- Flexible power supply: AC/DC power supply mode is suitable for different test surrounding.
- Battery analyzing and management software can display real time total voltage curves, discharge current curve, comparison chart, battery voltage histogram, capacity analyzing chart and detailed data form in 6 windows. One button to generate EXCEL report.



IDCE-8100 Battery Analyzing and Management Software

◆ SPECIFICATIONS:

Battery Unit Number: 1~4 units
Sampling Interval: 6s
Battery Voltage Range: 2V/6V/12V
Individual Test Accuracy: 0.5%
Current Test Range: 0~3000A

Current Accuracy: 1%
Data Port: USB、RS232
Power Supply: AC220V、DC48V
Size: 200×160×40 (mm)
Weight: 500g