DFCS4100 Battery Monitoring System



Mobile APP
SMS / Email Alarm

ONE IS ALL

Application

- Data center
- UPS cabinets
- Telecommunications
- Energy storage system
- Substation & power utility
- Oil, gas & fuel, generator
- Railway station & metro
- Financial institutions, like bank
- Hospital
- Government back up power supply

...

24/7 hours online monitoring / balancing
Real-time alarm for VRLA / Ni-Cd battery

- Online monitoring: voltage, internal temperature, ambient temperature & humidity, impedance, charge & discharge current, ripple current & voltage, SOC, SOH
- Battery leakage & liquid level

All-in-one real-time monitoring
Batteries + Mobile APP + SMS & Email Alerts

- System with mobile APP to remote manage the system
- Multiple contact by SMS / Email alerts

Centralized monitoring

- Multi-site and large quantity battery centralized management
- Monitor Max. 50,000 batteries

B/S structure
Easy set-up, easy operation

- B/S structure, no more messy set-up
- Friendly user interface design

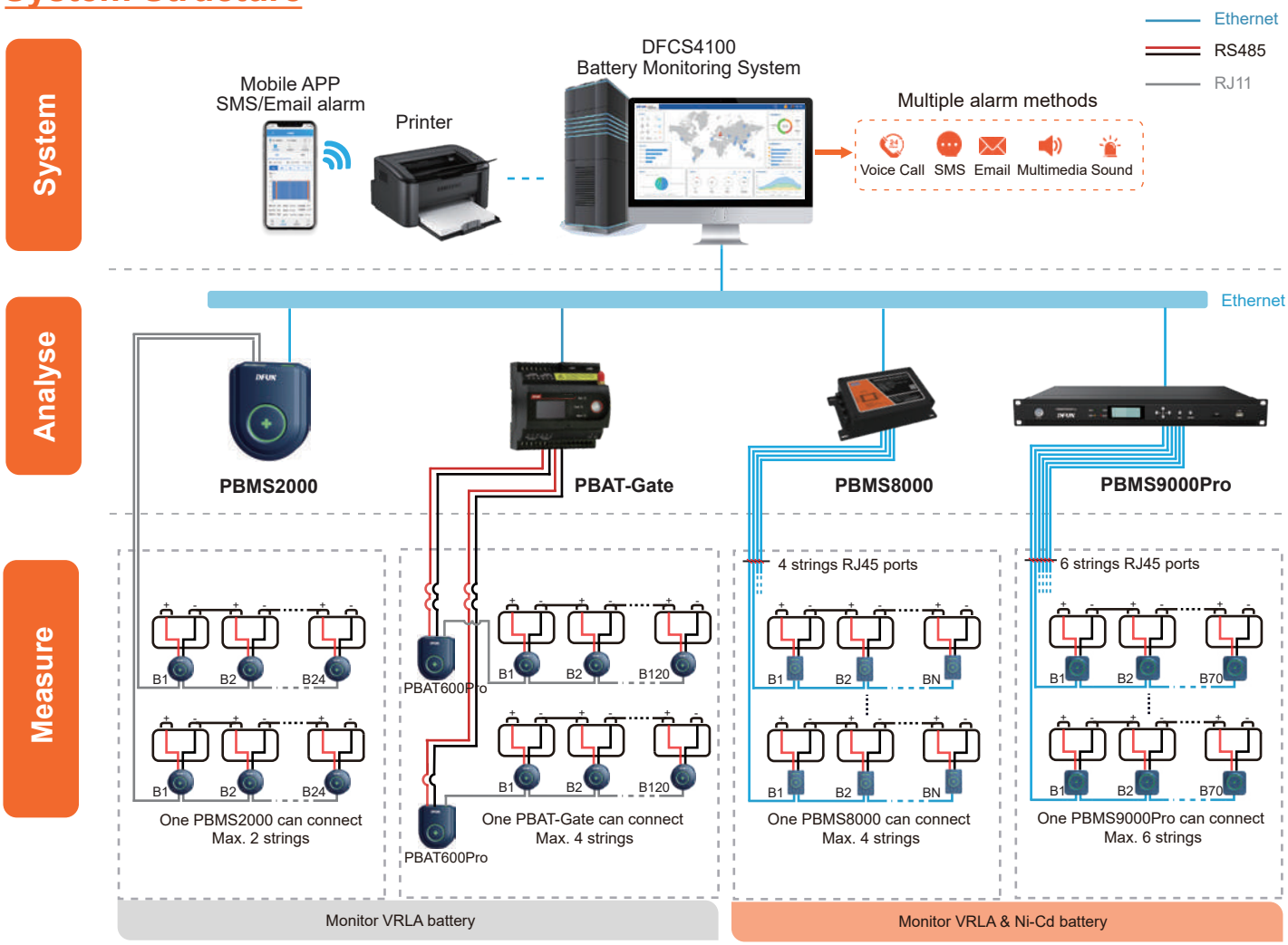
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System Feature

- 24/7/365 real-time monitoring ≤50,000pcs batteries
- B/S structure with simple and UI set-up
- Realize all data display at one location, suitable for project by large number of batteries or batteries locate in different site
- Sent out timely alarm notifications for abnormal battery via SMS & Email alerts (support multiple contact)
- Setpoint multi-level alarm
- Graphical and visual display of battery trends and faults
- Provides centralized data storage, data access and data management, export .csv format reports for data analysis
- Monitor ambient temperature & humidity
- Support monitoring thermal runaway
- Support to connect with 3rd party system（EMS, EPC, SCADA, DCIM...)



System Structure



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