
iUPSGuard - Remote monitoring solution for UPS



ABB's iUPSGuard solution is an anytime, anywhere concept in UPS status monitoring and alarm notification, supporting any ABB and third-party UPS. It's now going predictive.

Securing critical power

ABB's iUPSGuard is a remote monitoring solution for UPS, providing status monitoring and alarm notification that supports any ABB and third-party UPS - anytime, anywhere.

iUPSGuard provides current and detailed information about UPS operation, including its configuration, internal alarms and operating conditions over the web. iUPSGuard notifies personnel of critical alarms and events via email or SMS, allowing a user or ABB technician to make timely decisions on critical conditions. In addition, comprehensive data collection and analysis improves diagnostics capability and enhances response time.

Continuous monitoring and ongoing maintenance help ensure the maximum performance of your UPS equipment as it protects business-critical applications.

Key features

Safe and Secure

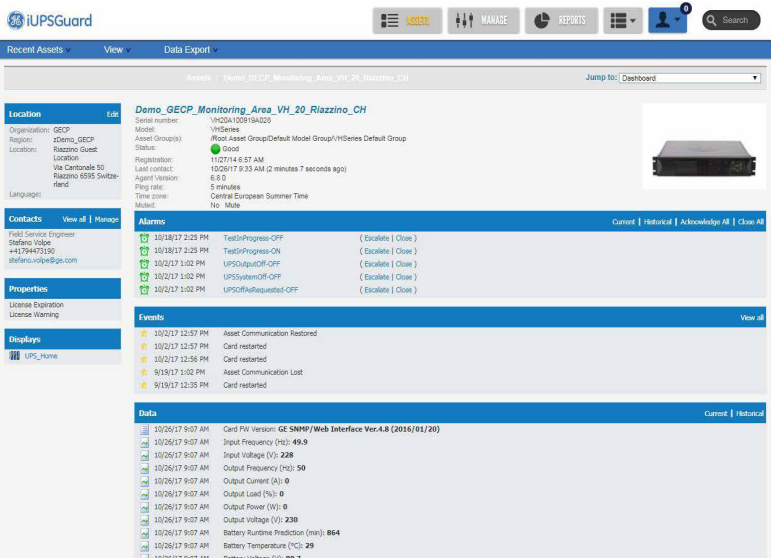
- Highly secure and efficient data transmission
- SSL encrypted unidirectional communication
- Firewall friendly – no changes required to firewall settings or proxy servers, providing easy deployment and addressing compliance objectives
- Predictability algorithm allows early notification on key values.

Flexible communication options

- Supports various connections, including IP and GPRS
- Email and SMS alarm notification
- Monitoring third party UPS products via SNMP (standard RFC1628)

24x7 UPS status and monitoring

- Optimized data transmission helps ensure the latest and most up-to-date information is available
- Alarms and other critical events are submitted automatically when an event occurs. All other values are regularly submitted.
- Data collection of status values, settings, as well as alarm and event logs
- Easy to configure and connect
- Easy to use iOS and Android mobile APP.



01

- 01 UPS status summary on iUPSGuard
- 02 iUPSGuard status report (partly shown)

Key benefits

Improved response time and high availability

- 24x7 monitoring of UPS status and operating parameters
- Provides instant alerts in the event of critical alarms and events available over the web, allowing immediate fault analysis and corrective actions
- Availability of detailed UPS status improves pre-dispatch diagnostic and first-time fix, as the service team arrives pre-informed
- iUPSGuard provides early warning of parameters, operating conditions and diagnostic information, allowing resolution of operating anomalies
- Mobile APP for maximum flexibility

UPS Operation Mode & Events

System UP-Time Information

System total operating time (Hrs)	172
System Inverter operating time (Hrs)	172
System eBoost operating time (Hrs)	0

Unprotected Load Events

During the evaluated period, no events associated with unprotected load condition have been detected.

OverLoad Events

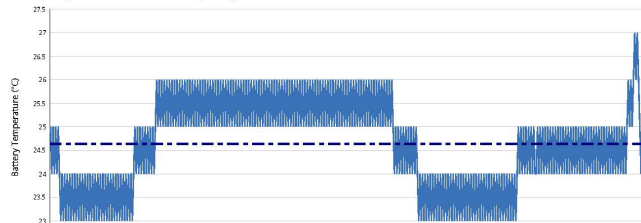
The UPS load did not exceed the correct operating limits.

Temperature Events

The UPS Temperature did not exceed the correct operating limits.

Battery Events

The UPS Battery did not exceed the correct operating limits.



02

Regular UPS Status Reports

- The detailed reporting system of iUPSGuard provides valuable information on equipment operating conditions and trends over time
- Summary of events that have occurred, and their frequency and duration for the entire monitoring period
- Preparing a maintenance recommendation based on data analysis.

Flexible and Scalable

- iUPSGuard can communicate through various channels and monitors single UPS or parallel UPS systems through a web/SNMP card.

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