

Billion BEsmart Intelligent Energy Saving Cloud

Keep your money off the table and reduce electricity overheads

The Most Comprehensive IT Technology integrating Power Measurement, Data Transferred Gateway, and digital Cloud Analysis

Imagine if 40% of your electricity cost disappears on the next monthly utility bill, how sweet would it sound? Places with busy commercial activities, such as retails, chain stores, hotels, building offices, and factories, usually consume a vast amount of electricity which can be extremely pricy. At the end of each month, business owners and system operators receive a notable electricity bill from their utility company, and they pay whatever is owned thinking that it is perfectly economical and reasonable. However, in fact, they might have been charged a lot more than what is actually used. Why...?

The real problems stay hidden and are happening in everyday business operation, ranging from unsuitable electricity contract, aged and ineffectual machine application, facility abnormality, and inefficient use of power. Realizing these issues, Billion combines power meters, communication gateways, and a cloud computing platform to provide efficiency diagnosis, helping system operators to simultaneously monitor complex power consumption for different business models. Our focuses are to reduce potential electricity wastes, maximize system outputs, and create a more cost-effective power management while preventing fatal accidents from occurring.

Record Data and Monitor Power Consumption with a Smart Meter

Need a selection of cutting-edge meters to record power consumptions for mutiple business? Billion's SG 30 series, a set of outperforming power meter devices, allows exceptionally fluent data transmission corresponding to both wired and wireless network. From small retails to chain stores, hotels, commercial offices, and industrial factories with huge electricity usages, BEsmart Intelligent Power Meters solution provides single and triple-phase front end measurements to transform any power consumption into a sequence of digital and explicit numbers.



SG3015 Meter Series (Single Phase)

- Support ZigBee or RS485 communication
- Build-in 15A/100A/200A/300A CT for metering
- < 0.5%~1% Wh accuracy



SG3010-iCB Meter with Switch Control

- Support ZigBee or RS485 communication
- Up to 60A power metering and on/off control

SG3030 Meter Series (Three Phase)



- Support ZigBee or RS485 communication
- Build-in 100A/200A/300A CT for metering
- Electricity usage data and other indicator information collection
- < 1% Wh accuracy
- Power surge protection
- Supports 1P3W, 3P3W, 3P4W
- Dry contact for external appliance control

Innovative Communication Gateway Unlocks Your Business to the Groundbreaking IoT (Internet of Things)

We understand that not every business is built at proximity, and sometimes they are even located at scattered places. Billion combines meters with advance communication gateways to accelerate the data transfer by supporting both wired and 3G wireless transmission routes. With full automations and a hybrid data collector supporting all transmission interfaces, BEsmart Intelligent Gateway is able to receive the status of power consumption and instantly syndicate with a cloud computing to provide real-time operation analysis.



SG6200NXL

- Support collect data from ZigBee, Power Line Communication and RS485 sensors.
- Support 3G dongle for easy provide internet connection.
- Wireless bridge the connection with existing wireless AP (Access Point) to reduce installation effort.
- Auto fail-over for always-on connection

An Intelligent Energy Saving Cloud with Powerful System Diagnosis and Cross-Field Management

Through monitoring power consumption on a cloud based platform, the information of an individual business or a total corporation can be presented as an informative report online according to a particular day, month, and year. System operators can gain an easy access to the centralized management by simultaneously monitoring power consumptions for business built at separated locations. BEsmart Energy Saving Cloud does not only dramatically reduce electricity costs, but also largely raise the efficiency of a more effective power management.

