



C17 Power and Energy Analyse tool

Energy efficiency,
Reduce top loads,
Machine monitoring

Energy is the most basic need of any industrial or commercial enterprise. Yet, most enterprises do not have a clear picture of their power consumption and arbitrarily increase load or demand every now and then. This can harm your equipment, reduce your efficiency, and increase your operational costs. What enterprises need is to monitor information from their installation, adapt power consumption to their needs, receive a safer supply of power, and lower their energy costs considerably. This way, you can reduce top loads, and know when service or maintenance is needed. All this information is harnessed in a wireless or wired manner and presented in apps on dashboards.

IoT and Energy

Measure energy
information

Draws conclusions
and insights

Preset parameters
in select systems

Inform mission-critical
personnel on time

Automatically correct
the monitored system

Key Benefits

- Disconnect non-priority loads until the total consumption is lower
- You no longer have to pay for top loads which are very expensive in terms of capacity ratings of installation equipment and energy costs



Industry standards

- Modbus
- Scada compliant
- 400 Volts
- Current 0-2000A

Values monitoring/controlling

- Top-loads
- Energy Efficiency
- Continuous monitoring/preventive
- Quality data for EL auditing
- Retrofitting

C17 Power and Energy Analysis Tool

Analyze energy consumption, derive insightful interventions

C17 is an analysis tool that measures and analyzes energy consumption at your plant, stores it in cloud and displays it in dashboard. You can then use this information to automatically or manually adjust your power system and make it more efficient.

The C17 is mounted in your sub-distribution box on the standard DIN Rail and communicates via cable or wireless with your server, either locally or in the cloud. The data can be presented either on the selected computer or mobile phone.

Key Benefits

- Reduce energy consumption, reduce your carbon footprint
- Lower your fixed and moving costs for power consumption
- Monitor your industry energy needs completely or partially
- Use several meters in parallel, for multiple groups or multiple engines
- Modular design for easy expansion when your power needs change
- Designed for installation in 400V network
- Handles currents up to 2000A
- Repayment period of 1-4 years depending on size of your plant



Basic facts V, A, W
leading, lagging
time-stamped



Communication



Storage Cloud



Analysis
 Δ and absolute
Power and Energy



Actions
Load change/ operation
Maintenance/ Service

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