

# ENERGYMASTER™ SUPERVISION MODULE FOR AC SUPPLY

EEM-2015Y



**Intelligent device that monitors the condition and status of the telecom site's AC supply, improving availability and lowering maintenance costs related to AC units.**

## KEY FEATURES

- Lower maintenance costs related to AC fed units
- Remote monitoring of the AC grid can be used for recommendations to improve availability
- RS485 digital communications interface using MODBUS RTU protocol
- Four LED indicators monitor the status of work: running, electric pulse, communications send, communications receive.

## Description

The supervision module for AC supply (EEM-2015Y) provides detailed information on the condition and status of the telecom site's AC supply. Based on this information, site visits and maintenance related to the AC supply can be optimized to save both time and money, especially for sites located remotely.

The EEM-2015Y is an intelligent monitoring device designed to monitor electrical parameters and any other electric network, including AC voltages and currents, providing calculations of energy and total harmonic distortions. Connected to the eStone II, the AC supervision module can provide Ethernet connectivity and alarm report in case of issue.

The information and alarms for AC fed units on a specific site can be monitored or checked by means of a simple web browser or specific management software.

No additional software is needed and login to monitor the site is password protected.

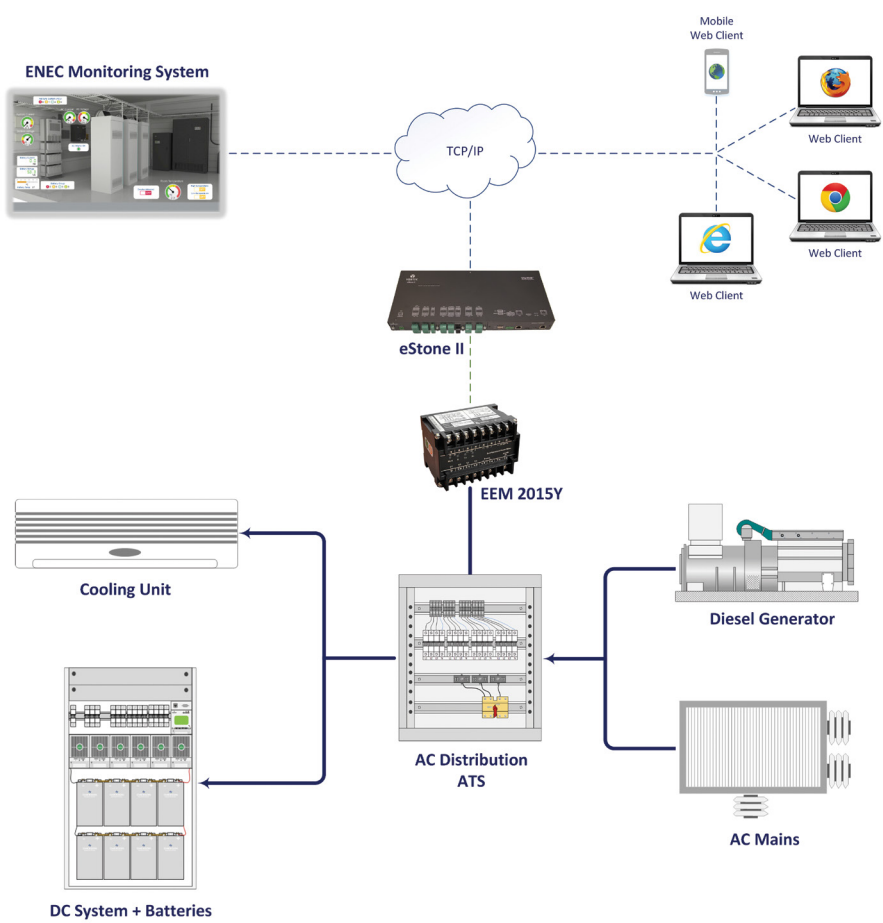


## Technical Specifications

GENERAL	
Power Supply	18 VDC to 90 VDC or 20 VAC to 60 VAC
Power Consumption	5 W
Temperature Range, Operating	-10 °C to +50 °C
Humidity, Relative	20% to 95%, non-condensing
Frequency (measurement range)	45 Hz to 60 Hz
Certifications	CE certified

MECHANICAL DATA	
Dimensions	110 x 75 x 73 mm (H x W x D)
Standard Installation Methods	DIN rail mountable; wall mounted
Weight	350 g

INPUT/OUTPUTS	
External Communication	RS485
INPUTS	
Mains/Phase	30 V to 600 V (line voltage)
Voltage (3)	20 V to 400 V (phase voltage)
Phase Current (3)	0 A to 6 A (external current transformer)
Apparent Powers (3)	kVA calculated in software
Active Power (3)	kW calculated in software
Reactive Power (3)	kVA calculated in software
Energy	kWh calculated in software



## TERMINOLOGY

**eStone II**  
 Standalone site controller

**EEM-2015Y**  
 AC supply supervision module

**ENEC**  
 Multi-user, distributed multi-language web based software for monitoring of critical infrastructure equipment.