

GENERAL DESCRIPTION

The AYA Power Studio software is designed for use with several AYA electrical Power Analyzers. Its main function is to communicate with metering and controlling components of an electric system and to generate reports, tables and graphs of stored data. It enables the user to visualize power quality parameters and to perform preventive maintenance of electrical systems. It is highly versatile and easy to use.

The main features of the AYA Power Studio software are:

- Remote programming of monitoring stations
- Real time displaying of measured parameters listed below
- Displaying of historical data by graphs or tables
- Printing graphs or tables

The Power Studio can be used with the following Power Analyzers:



CVA Panel-Mounted Analyzers



CVA-MINI DIN-Rail Analyzers



QPA Portable Analyzers

LIST OF PARAMETERS	
V	SINGLE VOLTAGES - V1, V2, V3
I	SINGLE CURRENTS - I1, I2, I3
KW	ACTIVE POWER - KW1, KW2, KW3
KVAR	REACTIVE POWER
PF	POWER FACTOR
%THD-V	TOTAL HARMONIC DISTORTION- VOLTAGE
%THD-A	TOTAL HARMONIC DISTORTION- CURRENT
KW-III	3-PHASE ACTIVE POWER
KVARL-III	3-PHASE INDUCTIVE POWER
KVARC-III	3-PHASE CAPACITIVE POWER
PF-III	3-PHASE POWER FACTOR
HZ	FREQUENCY
V-12	PHASE-TO-PHASE VOLTAGE (Lines 1 to 2)
V-23	PHASE-TO-PHASE VOLTAGE (Lines 2 to 3)
V-31	PHASE-TO-PHASE VOLTAGE (Lines 3 to 1)
KVA-III	3-PHASE APPARENT POWER
MD	MAXIMUM DEMAND
A-III	3-PHASE CURRENTS
I-N	NEUTRAL CURRENT
MD-L1	MAXIMUM DEMAND - LINE 1
MD-L2	MAXIMUM DEMAND - LINE 2
MD-L3	MAXIMUM DEMAND - LINE 3
KW.Hr	ACTIVE ENERGY (Watt-Hours)
KVAR.Hr	REACTIVE ENERGY (Watt-Hours)
HAR	HARMONICS option (up to 15th Harmonic)