

4.02. MULTIFUNCTION METERS OF ET SERIES

The meters are intended for multirate accounting of active and reactive energy in electric networks with a complex harmonious composition, voltage surges and changes. The increased speed of the meters allows to receive in real time minute schedules of the load, network frequency, phase-by-phase values of voltages, currents, phase angles, energy quality indicators. Meters are compatible with all automated systems of commercial accounting of electric energy.

Advantages:

- protection from external permanent and alternating magnetic fields;
- wide range of voltages;
- optical buttons for display control, optical interface IEC62056;
- two independent sequential interfaces;
- control of GSM / GPRS modems;
- output of signals 0 - 50 mA for telemechanics;
- load control according to the user program;
- stand-by power supply from an emergency source;
- selection of an integration interval of the load schedule from 1 min to 1 h;
- phase-by-phase fix of failures and shutdowns.



Technical specifications:

Basic power and energy error, %	1,0	Power supply, W	≤ 3
Basic error in the parameters of electric power quality, %	0.2	Weight, kg	3
Voltage range, V	100 ... 380	Dimensions, mm	360x180x80
Currents range, A	0,01 ... 200	Service life	24 years