

4.01. POWER AND ELECTRIC ENERGY STANDARD



The standard is intended for checking electronic and inductive single- and three-phase meters of active and reactive energy, as well as the means for controlling the parameters of electric power quality. Depending on the performance, it allows to automatically detect an error of the meters and power quality analyzers that are checked, and control the parameters of input signals.

Advantages: high metrological characteristics along with rather small dimensions and weight, which allows long-distance transportation to transfer accuracy from the national standards to working measuring tools.

Technical specifications:

Basic power and energy error, %	0,01; 0,02; 0,05; 0,1; 0,2	Constant of the meter, impulse / kW * h	100000000
Basic error in the parameters of electric power quality, %	0,05	Power supply, W	≤ 10
Voltage range, V	5 ... 380	Weight, kg	7
Currents range, A	0,005 ... 120	Dimensions, mm	300x80x300