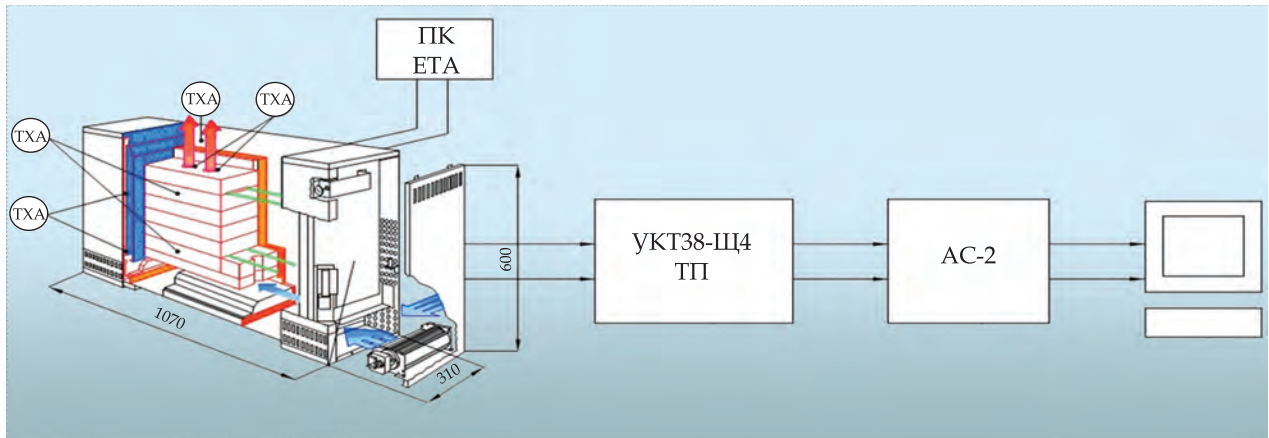


## HIGH-PERFORMANCE THERMAL ENERGY STORAGE PLANT



Connection and control scheme



Electric thermal heater (ETH)

### Advantages

In comparison with foreign analogs, the proposed configuration of heat storage device provides a 15% increase in heat output with the use of cheaper heat storage materials and enables reducing the device cost, at least, by 15%

### Areas of Application

The plant is to be used as electric heat storage system for heating public and residential buildings. It can operate using time-based differentiated rates for electricity

### Stage of Development. Suggestions for Commercialization

IRL3, TRL2  
Seeking partners for serial production; customized design, upon request

### Specification

Weight, kg	115
Dimensions, cm	107 × 51 × 32
Electrical power, kW	2.4
Maximum total heat output, kW	1.17

### IPR Protection

IPR2

### Contact Information

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