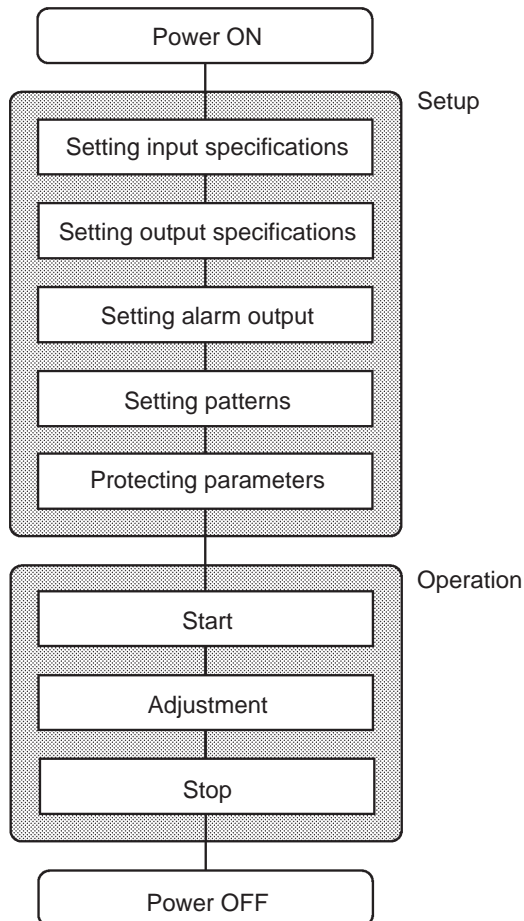


Convention Used in this Chapter

This chapter describes basic E5EK-T operations such as how to set up parameters, start and stop operation, and adjust control operation. For more complex control examples, refer to Chapter 4 Applied Operation and Chapter 5 Parameters.

Basic Operation Flow

The following diagram shows the basic flow of operation.



The descriptions in this chapter follow the order of basic operations shown in the flow above. Examples of operation of each of the items are described up to completion of parameter setup. However, you must move to the top parameter of the following Setting. For example, when you have finished “setting input specifications” and you want to “set output specifications,” move to the top parameter of “setting output specifications” from the bottom parameter of “setting input specifications.”

For details on moving to parameters between items, refer to Section 1–4, Selecting modes and Selecting parameters in Parameters and Menus.

Setup examples

This description assumes that the controller is operated under the following conditions.

- A K thermocouple is used as the input.
- Control output (heat), alarm 1 and alarm 2 functions are assigned to “control output 1,” “control output 2” and auxiliary output 1, respectively. Of these, only control output 1 and auxiliary output 1 are used.
- The relay output unit is mounted at control output 1.
- The upper-limit alarm is set as alarm 2. The alarm is output when the temperature exceeds 10°C with respect to the PV.
- The program is made up of one pattern comprising four steps.
- The following figures show terminal wiring and the program used in the setting examples.

