What is claimed is:

1. An automatic logistics sorting system, comprising:

an automatic transport unit, configured to transport an item to be sorted;

a sorting area, configured to allow the automatic transport unit to operate therein to implement sorting of the item to be sorted, the sorting area comprising an item dropping area which comprises a plurality of sorting target objects, the automatic transport unit being configured to drop the item to be sorted into a corresponding sorting target object in the item dropping area; and

a control system, configured to control the sorting of the item to be sorted and control movement of the automatic transport unit in the sorting area, the control system comprising:

a setting unit, configured to set a specific sorting target object among the plurality of sorting target objects for abnormality processing;

a determining unit, configured to determine whether the item to be sorted is abnormal; and

a control unit, configured to, in response to determining that the item to be sorted is abnormal, control to transport the item to be sorted to the specific sorting target object for abnormality processing.

2. The automatic logistics sorting system of claim 1, wherein the sorting area further comprises:

an item supplying area, configured to distribute the item to be sorted; and

a transport area, configured to allow one or more of the automatic transport unit to move therein, wherein the one or more automatic transport units are configured to transport the item to be sorted to pass through the transport area;

wherein the transport area and the item dropping area are located on a same plane and do not overlap.

3. The automatic logistics sorting system of claim 2, wherein the control system further comprises at least one selected from the group consisting of the following:

a first processing unit, configured to process an abnormal item in the item supplying area; and

a second processing unit, configured to process the abnormal item in the specific sorting target object configured for abnormality processing.

4. The automatic logistics sorting system of claim 3, wherein

the determining unit is configured to:

determine whether the item to be sorted has no corresponding sorting destination information;

and

the second processing unit is configured to:

re-determine a sorting destination of the item to re-sort the item.

5. The automatic logistics sorting system of claim 4, wherein

the determining unit is configured to:

determine that the corresponding item information of the item to be sorted does not comprise a sorting destination corresponding to the item information; or

determine whether the item to be sorted has not recorded the item information relating to the corresponding sorting destination; or

determine whether the item information recorded on the item to be sorted is unidentifiable.

6. The automatic logistics sorting system of claim 3, wherein

the determining unit is configured to determine whether the item to be sorted has a plurality of pieces of corresponding sorting destination information; and

the second processing unit is configured to record abnormality information of the item to be sorted, and identify one of the plurality of pieces of sorting destination information of the item to be sorted to re-sort the item.

7. The automatic logistics sorting system of claim 3, wherein the setting unit is further configured to determine a number of the specific sorting target object configured for the abnormality processing and/or positions of the specific sorting target objects in the item dropping area based on quantitative proportions of the items to be sorted corresponding to different sorting target objects.

8. The automatic logistics sorting system of any one of claims 1 to 7, wherein the plurality of sorting target objects correspond to moveable containers configured for containing sorted items.

9. An automatic logistics sorting method, comprising:

placing one or more items to be sorted on an automatic transport unit in an item supplying area;

obtaining item related information of the one or more items to be sorted, the item related information comprising abnormality information of the one or more items to be sorted;

configuring an abnormality sorting target object for abnormality processing;

determining a specific sorting target object corresponding to the one or more items to be sorted based on the item related information, wherein the one or more items to be sorted having the abnormality information corresponds to the abnormality sorting target object configured for abnormality processing;

carrying, by the automatic transport unit, the one or more items to be sorted to pass through a transport area, wherein the one or more items to be sorted having the abnormality information is transported to the abnormality sorting target object configured for abnormality processing; and

moving, by the automatic transport unit, to an item dropping area, and dropping the one or more items to be sorted to a corresponding specific sorting target object.

10. The automatic logistics sorting method of claim 9, wherein the transport area and the item dropping area are located on a same plane and do not overlap.

11. An automatic logistics sorting system, comprising:

an automatic transport unit, configured to transport an item to be sorted;

a sorting area, configured to allow the automatic transport unit to operate therein to implement sorting of the item to be sorted; and

a control system, configured to control the sorting of the item to be sorted and movement of the automatic transport unit in the sorting area, the control system comprising:

a detecting unit, configured to detect a state of the automatic transport unit;

a determining unit, configured to determine a state type of the automatic transport unit; and

a control unit, configured to, in response to determining that the automatic transport unit is in a first state type where an automatically fixable fault occurs, control the automatic transport unit to automatically fix the fault.

12. The automatic logistics sorting system of claim 11, wherein

the determining unit is further configured to:

in response to determining that the automatic transport unit is not in the first state type where the automatically fixable fault occurs, determine whether the automatic transport unit is in a second state type where a not automatically fixable fault occurs but the movement of the automatic transport unit is not affected; and

the control unit is further configured to:

in response to determining that the automatic transport unit is in the second state type, control to move the automatic transport unit to a specific position.

13. The automatic logistics sorting system of claim 12, wherein the second state type comprises one of:

that the automatic transport unit detects that an execution duration of dropping the item to be sorted exceeds a predetermined time threshold;

that the automatic transport unit detects that a number of the transported items to be sorted is

different from a previously set number; or

that the automatic transport unit detects that it is unable to receive an external instruction.

14. The automatic logistics sorting system of claim 11, wherein

the determining unit is further configured to:

determine whether the automatic transport unit is in a third state type where the automatic transport unit deviates from a normal travel route; and

the control unit is further configured to:

in response to determining that the automatic transport unit is in the third state type, control the automatic transport unit to correct the travel route of the automatic transport unit.

15. The automatic logistics sorting system of claim 11, wherein

the determining unit is further configured to:

determine whether the automatic transport unit is in a fourth state type where the automatic transport unit needs to be charged; and

the control unit is further configured to:

in response to determining that the automatic transport unit is in the fourth state type, control the automatic transport unit to travel to a preset charging position.

16. The automatic logistics sorting system of claim 11, wherein

the determining unit is further configured to:

determine whether the automatic transport unit is in a fifth state type where a fault occurs and the automatic transport unit is unable to move; and

the control unit is further configured to:

in response to determining that the automatic transport unit is in the fifth state type, determine a position of the automatic transport unit and determine a disabled area according to the position.

17. The automatic logistics sorting system of claim 16, wherein the control unit is further configured to:

stop all automatic transport units in the disabled area from moving; and

control a travel route of an automatic transport unit moving outside the disabled area to make the automatic transport unit avoid the disabled area.

18. The automatic logistics sorting system of claim 11, wherein

the determining unit is further configured to:

determine whether the automatic transport unit is in a sixth state type where the item to be sorted is abnormal; and

the control unit is further configured to:

in response to determining that the automatic transport unit is in the sixth state type, control the automatic transport unit to stop moving and send its current position information to the control system for further processing.

19. The automatic logistics sorting system of claim 18, wherein the control system is further configured to re-plan travel routes of other automatic transport units based on the current position information.

20. The automatic logistics sorting system of any one of claims 11 to 19, wherein the sorting area further comprises: an item supplying area, configured to distribute the item to be sorted; a transport area, configured to allow one or more automatic transport units to move therein, wherein the one or more automatic transport units are configured to transport the item to be sorted to pass through the transport area; and an item dropping area, which comprises a plurality of sorting target objects, wherein the one or more automatic transport units are configured to drop the item to be sorted into a corresponding sorting target object in the item dropping area; wherein the transport area and the item dropping area are located on a same plane and do not overlap.