WHAT IS CLAIMED IS:

1. A terminal, comprising a battery and a charging interface; the terminal being configured to form a charging loop with a power adapter via the charging interface, so as to charge the battery; wherein, the terminal further comprises a communication unit, an anomaly detection unit and an anomaly handling unit,

the communication unit is configured to receive charging parameter information from the power adapter;

the anomaly detection unit is configured to determine, according to the charging parameter information, whether an anomaly occurs on the charging loop;

the anomaly handling unit is configured to control the charging loop to enter into a protection state if the anomaly occurs on the charging loop, wherein the anomaly handling unit is configured to reduce an input voltage of the power adapter or reduce an input current of the power adapter when entering into the protection state; and

the communication unit is further configured to send charging protection indication information to the power adapter to indicate the power adapter to control the charging loop to enter into the protection state if the anomaly occurs on the charging loop.

2. The terminal according to claim 1, wherein, the charging interface comprises power wires and data wires,

the terminal is configured to form the charging loop with the power adapter via the power wires in the charging interface, so as to charge the battery; and

the communication unit is configured to receive the charging parameter information from the power adapter via the data wires in the charging interface.

3. The terminal according to claim 1 or 2, wherein, the anomaly handling unit is configured to:

disconnect the charging loop.

4. The terminal according to any one of claims 1-3, wherein, the anomaly of the charging loop comprises at least one of overvoltage output and overcurrent output of the power adapter.

5. The terminal according to claim 4, wherein, the charging parameter information comprises an output voltage of the power adapter,

the anomaly detection unit is configured to:

compare the output voltage with a voltage threshold; and

determine the overvoltage output of the power adapter and the anomaly occurring on the charging loop if the output voltage is higher than the voltage threshold.

6. The terminal according to claim 4 or 5, wherein, the charging parameter information comprises an output current of the power adapter,

the anomaly detection unit is configured to:

compare the output current with a current threshold; and

determine the overcurrent output and the anomaly occurring on the charging loop if the output current is higher than the current threshold.

7. A power adapter, comprising a power conversion unit and a charging interface; the power conversion unit being configured to form a charging loop with a terminal via the charging interface, so as to charge a battery of the terminal; wherein, the power adapter further comprises a communication unit and an anomaly handling unit,

the communication unit is configured to receive charging protection indication information from the terminal; and

the anomaly handling unit is configured to control the charging loop to enter into a protection state according to an indication of the charging protection indication information, wherein the anomaly handling unit is configured to reduce an output voltage of the power adapter or reduce an output current of the power adapter.

8. The power adapter according to claim 7, wherein, the power adapter is contacted with the terminal via the charging interface, the charging interface comprises power wires for charging and data wires, and

the communication unit is configured to:

receive the charging protection indication information from the terminal via the data wires in the charging interface.

9. The power adapter according to claim 7 or 8, wherein, the communication unit is further configured to send charging parameter information to the terminal, and the charging parameter information is used for the terminal to determine whether an anomaly occurs on the charging loop.

10. The power adapter according to claim 9, wherein, the charging parameter information comprises at least one of an output voltage and an output current of the power adapter.

11. A method for handling a charging anomaly, comprising:

receiving, by a terminal, charging parameter information from a power adapter;

determining, by the terminal according to the charging parameter information, whether an anomaly occurs on a charging loop between the terminal and the power adapter; and

controlling, by the terminal, the charging loop to enter into a protection state if the anomaly occurs on the charging loop, wherein,

controlling, by the terminal, the charging loop to enter into the protection state comprises:

reducing, by the terminal, an input voltage of the power adapter; or

reducing, by the terminal, an input current of the power adapter,

wherein the method further comprises:

sending, by the terminal, charging protection indication information to the power adapter to indicate the power adapter to control the charging loop to enter into the protection state, if the anomaly occurs on the charging loop.

12. The method according to claim 11, wherein, the terminal comprises a charging interface, the charging interface comprises data wires and power wires for charging, and

receiving, by the terminal, the charging parameter information from the power adapter comprises:

receiving, by the terminal, the charging parameter information from the power adapter via the data wires in the charging interface.

13. The method according to claim 11 or 12, wherein,

controlling, by the terminal, the charging loop to enter into the protection state comprises:

disconnecting, by the terminal, the charging loop.

14. The method according to any one of claims 11-13, wherein, the anomaly of the charging loop comprises at least one of followings: overvoltage output and overcurrent output of the power adapter.

15. The method according to claim 14, wherein, the charging parameter information comprises an output voltage of the power adapter,

determining, by the terminal according to the charging parameter information, whether the anomaly occurs on the charging loop between the terminal and the power adapter comprises:

comparing, by the terminal, the output voltage with a voltage threshold; and

determining by the terminal, the overvoltage output of the power adapter and the anomaly occurring on the charging loop if the output voltage is higher than the voltage threshold.

16. The method according to claim 14, wherein, the charging parameter information comprises an output current of said power adapter,

determining, by the terminal according to the charging parameter information, whether the anomaly occurs on the charging loop between the terminal and the power adapter comprises:

comparing, by the terminal, the output current with a current threshold; and

determining, by the terminal, the overcurrent output of the power adapter and the anomaly occurring on the charging loop if the output current overcurrent is higher than the current threshold.

17. A method for handling a charging anomaly, comprising:

receiving, by a power adapter, charging protection indication information from a terminal; and

controlling, by the power adapter, a charging loop between the power adapter and the terminal to enter into a protection state according to an indication of the charging protection indication information, wherein controlling, by the power adapter, a charging loop between the power adapter and the terminal to enter into a protection state comprises:

reducing, by the power adapter, an output voltage of the power adapter or reducing, by the power adapter, an output current of the power adapter.

18. The method according to claim 17, wherein, the power adapter is contacted with the terminal via a charging interface, the charging interface comprises power wires for charging and data wires, and

receiving, by the power adapter, the charging protection indication information from the terminal comprises:

receiving, by the power adapter, the charging protection indication information from the terminal via the data wires in the charging interface.

19. The method according to claim 17 or 18, further comprises:

sending, by the power adapter, charging parameter information to the terminal, and the charging parameter information being used for the terminal to determine whether an anomaly occurs on the charging loop.

20. The method according to claim 19, wherein, the charging parameter information comprises at least one of an output voltage and an output current of the power adapter.