

ABSTRACT

POWER SUPPLY METHOD AND POWER SUPPLY DEVICE

5 This application discloses a power supply method, a power supply device, and a storage medium, and pertains to the field of power supply technologies. The method includes: supplying, by a power supply device, power to a load through a power supply port, where the power supply port is connected to a power receiving port of the load by using a power supply cable; and communicating, by the power supply device,
10 with the load through a communications port, to manage a behavior of obtaining power by the load from the power supply device, where the communications port is connected to a communications port of the load by using a communications cable. In this application, the power supply device is a power supply of the load and a controller of the load. This integrated design reduces complexity of a system. In
15 addition, a power supply process between the power supply device and the load and a communication process between the power supply device and the load are physically isolated from each other, thereby improving flexibility of supplying power by the power supply device to the load.

20 Fig. 1