

### **1. Which models of DC electronic load have external analog control interface?**

All series of APM DC electronic loads have external analog control. The external voltage 0-10V can control the CC, CV, CR modes from 0 to full scale.

### **2. Which operating mode of power supply is used to measure CC and CV mode of DC electronic load respectively?**

The electronic load CC is used to test the constant voltage mode of the power supply, and the electronic load CV is used to test the constant current mode of the power supply.

### **3. What protection functions does the DC electronic load have?**

DC electronic load has protection functions such as over current, over power, over voltage, over temperature, reverse connection alarm, etc.

### **4. What are the static working modes of DC electronic load?**

APM DC electronic load have 4 kinds of static working modes, constant voltage, constant current, constant resistance and constant power.

### **5. what is communication modes supported by electronic load**

APM DC electronic load is equipped with RS232, RS485, USB communication interface as standard, and GPIB, LAN communication interface as optional.

### **6. In the battery function of DC electronic load, there are several operating modes and which kinds of discharge cutoff conditions are provided. How to turn on this function?**

There are three working modes: constant current, constant resistance and constant power. Four kinds of discharge cutoff conditions are provided: end voltage, timeout, end amperage, and end wattage. After setting, press the On/off button to turn on.

### **7. Does APM DC electronic load support parallel connection of different voltages? and what is the maximum number of parallel machines?**

APM DC electronic load supports parallel connection of different voltage bands, and the maximum number of parallel connection is 20 units.

**8. During the test, I found that the electronic load does not pull the load, what problems need to be investigated. How to solve it?**

First of all, check whether the input line is connected correctly, then check whether the starting load voltage of the electronic load is set, set the starting load voltage to 0 or set it to lower than the input voltage.

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**10. How to simulate the short circuit function of electronic load and what is the short circuit current at this time?**

APM can simulate short circuit by shortcut key [Shift]+[Range], the short circuit current is the maximum current value of current range.

**11. How do I understand the synchronization function among the parallel and synchronization functions?**

When the synchronization function is enabled, the pull load setting value of the master and slave should be input separately, but the master controls all the slaves to synchronize the LOAD ON/OFF action.