



APM High Power DC Source Special Function

Introduction

APM high power DC power supply has a wide range of voltage options: 80V, 165V, 250V, 500V, 750V, 1000V, 1500V, 2250V. This series of power supply can provide ultra-high density programmable power output for use in unit volume: 6kW, 12kW, 18kW, 24kW, 30kW, 36kW. With high flexibility and super fast reaction time, the product adopts high frequency isolation scheme and PFC active power factor correction technology, which can make the series of Dc Power Source have high efficiency and power factor performance at any working point, reduce energy consumption, reduce interference, clean environment, and conform to green energy saving.

At the same time, the series of power supply internal integration of powerful testing functions can more comprehensive coverage of the user's different testing needs, to simulate various normal and abnormal working environment of the product, and measure important electrical parameters. In the special mode of the series Programmable Power Supply, it has the following test functions:





1. Test mode

This function can be applied to the production test, through the comparison of the output value and the set parameters, the test result pass or fail will be displayed automatically. Practical video link: <https://www.youtube.com/watch?v=IUYCDAOrlvI>

2. LV mode (Low voltage mode)

Turning on this function can reduce the ripple of the lower voltage output and ensure the stable operation of the power supply under the lower voltage.

3. Short mode (Short circuit mode)

This function is set to off and can be applied to the test of current carrying capacity of circuit breaker or cable.

4. MCurr Share (Module current sharing)

This function is enabled in the parallel system. After it is enabled, the output power of each power supply in the parallel system can be balanced.

5. Timer Func

This function can make the output timing of the power supply on or off, convenient and fast in the test process.

Practical video link: <https://www.youtube.com/watch?v=yOzsQrHmtUQ>



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6. Counting Func

This function can be used to test the breaking time of circuit breaker or fuse. The setting process is simple and easy to operate.

Practical video link: <https://www.youtube.com/watch?v=Q8WL3JHQRMU>