

High-power program-controlled DC electronic load series



Product Detail

CH9800 series programmable DC electronic load is the latest generation of high-performance high-power electronic load series launched by our company. It has excellent performance and complete functions. It uses high-performance ARM processor with 500 kHz high-speed sampling AD, 5-inch TFT color screen to support the Chinese-English interface, with carefully designed guide menu, so that it can operate easily.

The interface displays abundant information, intuitive and comprehensive USB HOST, U; SB Device, which can communicate and save data with PC conveniently and upgrade firmware with U disk conveniently.

Main Features:

- 5-inch TFT LCD display, Chinese and English operation interface optional
- Power Range 600W-20KW, More Application Situations
- Maximum display resolution of 0.0001 for voltage and current, more accurate measurement

- The maximum measuring speed of voltage and current can reach 50KHz.
- The rising time of loading current and the falling time of unloading current can be adjusted to effectively reduce the instantaneous impact.
- Battery test mode, which can test battery endurance and capacity, can be set up in multiple sections with curve drawing function
- Maximum 25KHz dynamic test time, which can test the dynamic output performance of power supply, with rising and falling edge control.
- List test mode, which can test the comprehensive parameters of power supply under various load conditions, including comparator function
- OCP, OPP test mode, accurately capture critical parameters of power supply products
- Upgrade function of U disk software, keep the latest operating version at all times
- One-click screen copy function, easy to save or transfer screen display content
- Fifty sets of settings files in the instrument, which can save and call settings parameters
- USB HOST, USB Device, convenient for data communication and data preservation with PC
- Standardized Handler and RS232C interface to facilitate on-line operation and signal output

Major Technical Indicators:

Model Parameter	CH9810	CH9811	CH9812	CH9813	CH9810A	CH9811A	CH9812A	CH9813A
Mode	CV,CC,CP,CR							
Display	5 inch TFT Color LED							
Max.Input Voltage	150V				500V			
Max.Input Current	60A(Extend to 120A)				60A		60A(Extend to 120A)	
Max.Input Power	600W	900W	1200W	1600W	600W	900W	1200W	1600W

Basic accuracy of voltage	0.05%+0.03%FS
Basic accuracy of current	0.05%+0.05%FS
Min. Resolution	Voltage 0.1mV Current 0.1mA
List Test Function	CV, CC, CP,CR,Short,Open
Battery Test Function	Max. Capacity:999A/H Discharge time:1~60000sec with discharge curve
Dynamic Test Function	Frequency range 0.1Hz-25KHz
Remote Test Function	Available
Standard RS232C	Available
USB Device	Available
USB Flash Storage	Available

Protective method	Over voltage, current, power, temperature; Reversely connection of polarity
W*H*D	430mm*130mm*420mm
Power	198-242VAC 99V-121VAC 47.5-63Hz

Model Parameter	CH9821	CH9822	CH9823	CH9821A	CH9822A	CH9823A
Mode	CV,CC,CP,CR					
Display	5 inch TFT Color LED					
Max.Input Voltage	150V			500V		
Max.Input Current	240A(Extend to 480A)			60A(Extend to 120A)		
Max.Input Power	2400W	3000W	5000W	2400W	3000W	5000W
Basic accuracy of voltage	0.05%+0.03%FS					
Basic accuracy of current	0.05%+0.05%FS					
Min. Resolution	Voltage 0.1mV Current 0.1mA					
List Test Function	CV, CC, CP,CR,Short,Open					

Battery Test Function	Max. Capacity:999A/H Discharge time:1~60000sec with discharge curve
Dynamic Test Function	Frequency range 0.1Hz-25KHz
Remote Test Function	Available
Standard RS232C	Available
USB Device	Available
USB Flash Storage	Available
Protective method	Over voltage, current, power, temperature; Reversely connection of polarity
W*H*D	430mm*200mm*510mm
Power	198-242VAC 99V-121VAC 47.5-63Hz