

# CH9720 series program-controlled electronic load



## Feature:

- 4.3 inch TFT LCD display which selectable Chinese and English interface
- Max.360V test voltage, which can easily meet the demand of non-isolated power or other high voltage output power supply
- High speed sampling AD, stable and accurate test
- Max. display resolution of 0.1mV and 0.1mA
- Full CC,CC,CR,CP mode
- List test can combine test mode and time flexibly
- Battery test mode for testing the endurance and capacity with internal resistance and curve function
- 0.1ms dynamic transfer time to observe the dynamic response of power supply
- U-Disk update for latest firmware
- Screen shot for data save or screen deliver (CH9720BU/9720CU)
- Standard RS232C interface to obtain the test data easily

## Specifications

Model		CH9720B	CH9720C	CH9720BU	CH9720CU
Rated value	Input voltage	0~360V			
	Input current	0.1mA~30A			
	Input power	150W	300W	150W	300W
Load accuracy	Range	Accuracy		Resolution	
	0- 36V	± ( 0.05%+0.03%FS )		1mV	
	0- 360V	± ( 0.05%+0.03%FS )		10 mV	
	0- 3A	± ( 0.05%+0.05%FS )		0.1 mA	
Rated voltage mode	0- 30A	± ( 0.05%+0.05%FS )		1 mA	
	1.5V - 36V	± ( 0.05%+0.03%FS )		1mV	
Rated current mode	1.5V - 360V	± ( 0.05%+0.03%FS )		10mV	
	0- 3A	± ( 0.05%+0.05%FS )		0.1 mA	
Rated resistance mode <small>(When input voltage and current value±10%FS)</small>	0- 30A	± ( 0.05%+0.05%FS )		1mA	
	0.05Ω - 5Ω	± ( 0.2%+0.2%FS )		0.001Ω	
	0.5 Ω - 50Ω	± ( 0.1%+0.1%FS )		0.01Ω	
	5Ω - 500Ω	± ( 0.1%+0.1%FS )		0.1Ω	
Rated power mode <small>(When input voltage and current value±10%FS)</small>	500Ω - 5KΩ	± ( 1%+1%FS)		1Ω	
	0- 50W	± ( 0.1%+0.1%FS )		1 mW	
	0- 150W	± ( 0.1%+0.1%FS )		1 0mW	
Voltage measurement accuracy	0- 300W	± ( 0.1%+0.1%FS )		0.1 W	
	0- 9.9999V	± ( 0.05%+0.03%FS )		0.1mV	
	10.000 - 99.999V	± ( 0.05%+0.03%FS )		1mV	
Current measurement accuracy	100.00 - 360.00V	± ( 0.05%+0.03%FS )		10mV	
	0- 9.9999A	± ( 0.05%+0.05%FS )		0.1 mA	
	10.000 - 30.000A	± ( 0.05%+0.05%FS )		1mA	
Battery test function	Input= 0.8 - 360V	Max measurement capacity= 999A/H	Resolution=0.1mA	Timer range=1~60000sec	
Dynamic test mode	A&B test time : 0.05ms - 999S error < 2.5% + 0.05mS				
U disk storage	NO			YES	
Impedance in the input terminal	≥ 200KΩ				
Dimensions	W*H*D 215mm*88mm*350mm				
Weight	5.5Kg	6.5Kg	5.5Kg	6.5Kg	