

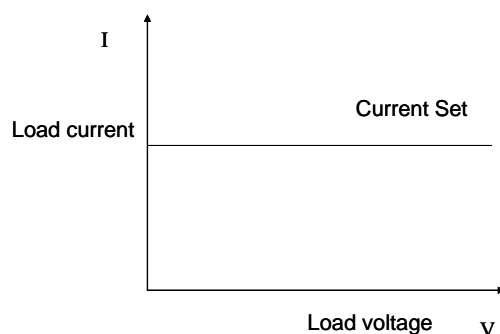
M97 High Speed Precision DC Electronic Load

The new M97XX series programmable DC electronic load is a new generation product designed from Maynuo Electronic Co.,Ltd. Incorporating high-performance chips, the M97XX series delivers high speed and high accuracy with a resolution of 0.1 mV and 0.01 mA (basic accuracy is 0.03% and basic current rise speed is 2.5 A/ μ s). M97XX series have wide application from production lines for cell phone chargers, cell phone batteries, electronic vehicle batteries, switching power supplies, linear power supplies, and LED drivers, to research institute, automotive electronic, aeronautic, and astronautic, maritime, solar cell and fuel cell etc. test and measurement applications. From 150W to 200KW, there are many models to choose from.

Features:

- Six high speed operation modes: CC,CR,CV,CW,CC+CV,CR+CV
- Over current, over voltage, over power, over heat, polarity reversed protection;
- High-luminance VFD screen with two lines& four channels display;
- Intelligent fan system fan will be automatically initiated according to the temperature;
- Soft start time setting, carrying the power supplier according to the voltage value set;
- Battery testing and short-circuit function;
- Available of dynamic testing and rising edge and falling edge setting;
- Supporting external trigger input and output;
- External current waveform monitor terminal;
- Supporting remote voltage compensation and multidata storage;
- Power-on-self-test, software calibration and standard rack mount;
- Communication mode: RS232/RS485/USB.

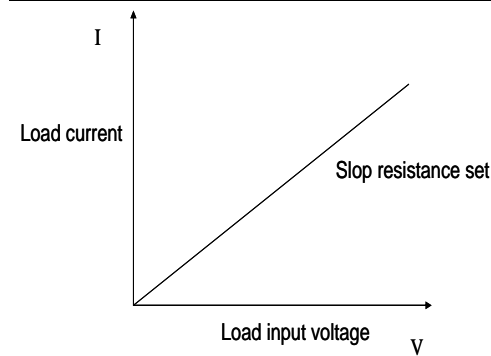
Working modes:



CC Mode

>>>Constant Current Mode

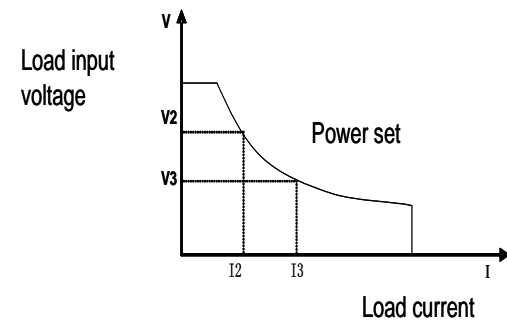
In CC mode, the electronic load will sink a current in accordance with the programmed value regardless of the input voltage.



CV Mode

>>> Constance Power Mode

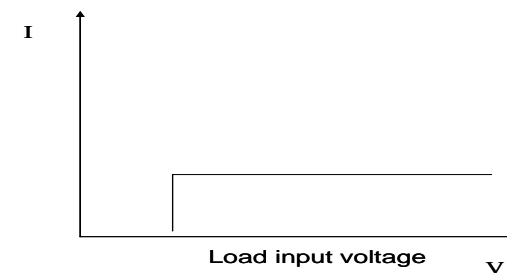
In CW mode, the electronic load will consume a constant power.
If the load input voltage value increase, the load input current will decrease. Therefore the load power ($=V*I$) will remain in the power set.



CR Mode

>>> Constant Resistance Mode

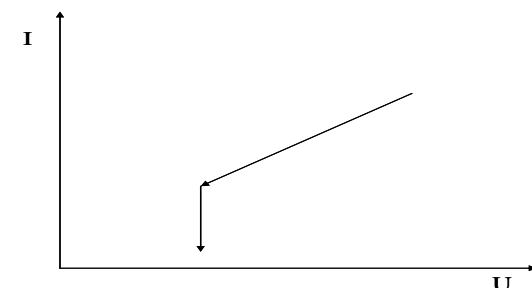
In CR mode, the module will sink a current linearly proportional to the input voltage in accordance with the programmed resistance.



CC+CV mode

>>> Constant Current Shifting into Constant Voltage Mode

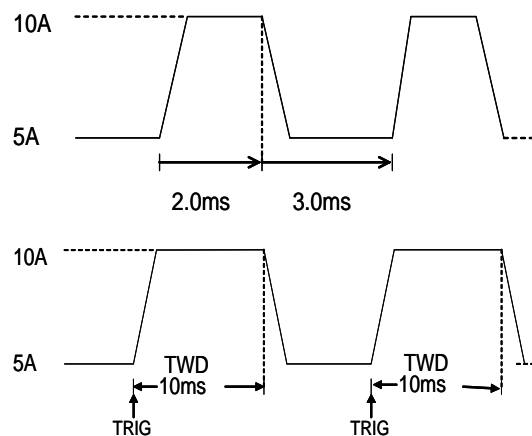
In CC+CV mode, the power supply under test can be avoided from the current strike damage.



CR+CV Mode

>>> Constant Resistance Shifting into Constant Voltage Mode

In CR+CV mode, the power supply under test can be avoided from the current strike damage.



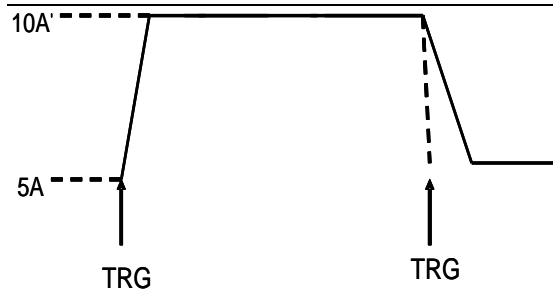
Dynamic Test

>>> Continuous Operation Mode

In continuous mode, the load will periodically switch between value A and value B when the dynamic test operation is turned on.

>>> Pulse Operation Mode

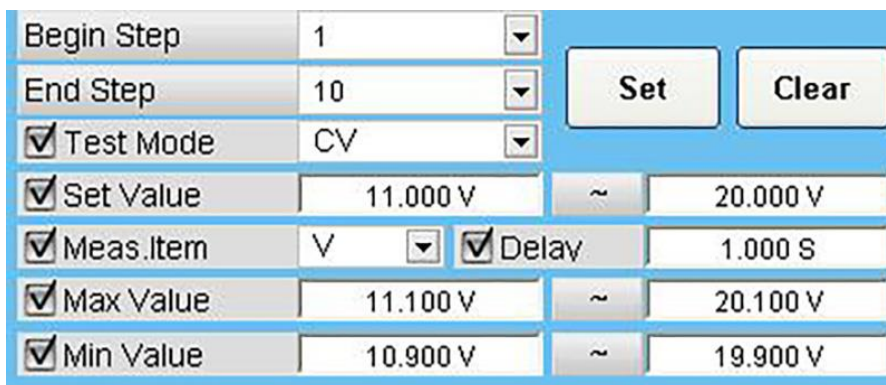
In pulse operation mode, when the dynamic test operation is turned on, the load will switch to value B as receiving one trigger signal, take the one pulse time (TWD) of value B, the load will return to value A.

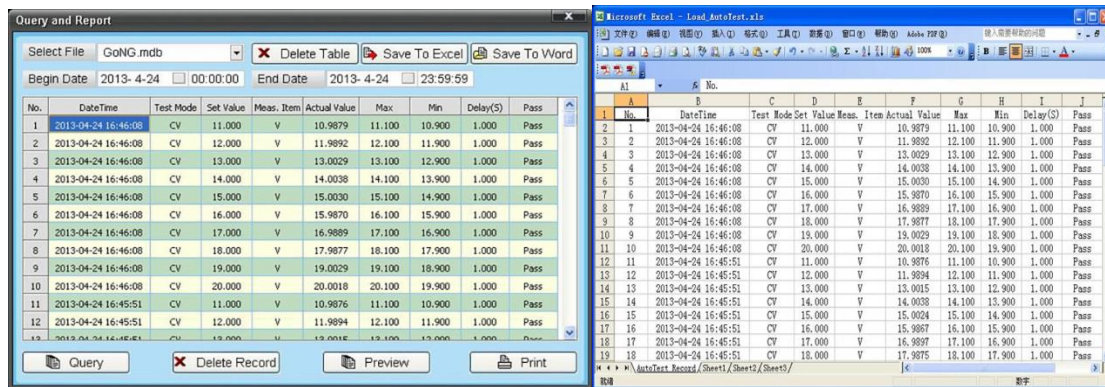


>>>Trigger Operation Mode

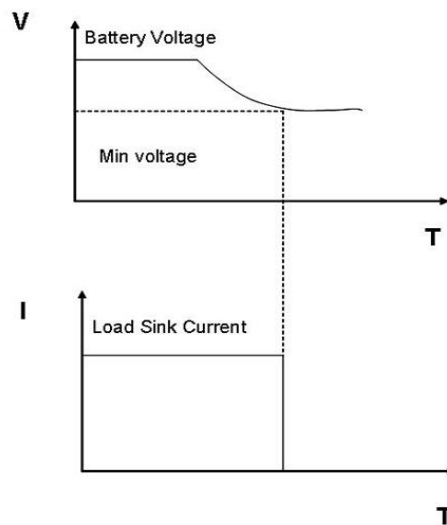
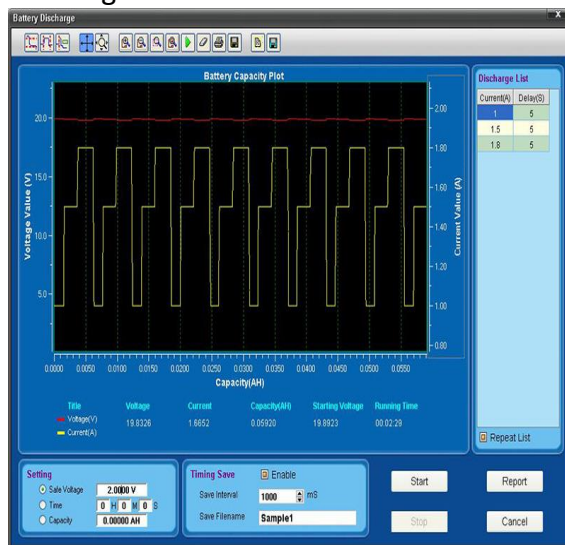
In trigger mode, when the dynamic test operation is turned on, the electronic load will switch the state between value A and value B once receiving a triggering signal.

Automatic Test: The M97 series electronic load is available of automatic test function. 8 sets of data can be edited at most and 50 steps can be edited in each set of data. Each step can be edited in six working modes (load off mode, constant current mode, constant voltage mode, constant resistance mode, short circuit mode) and can be available of four types of parameters from current comparison, voltage comparison, power comparison and resistance comparison. Besides, the delay time of each step ranges from 0.1S ~25.5S, considering the quickness and accuracy. Moreover, M97 series electronic load equipped with PC monitoring software allows quick editing test steps, test report output to the EXCEL table by computer operation.

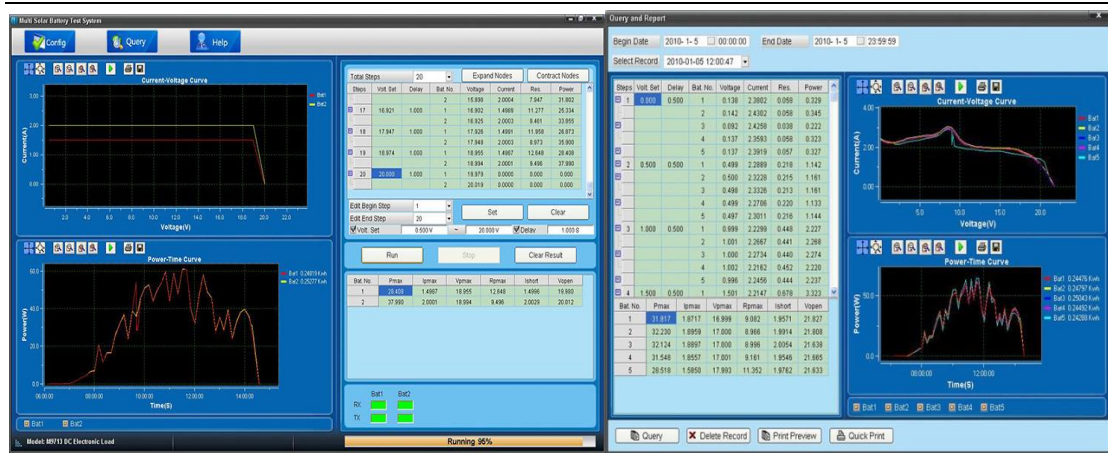




Battery Test: Constant current mode is applied in M97 series electronic load to test the battery capacity. A program is set to control voltage level. When the voltage of the battery is too low, the electronic load will identify the battery being on the threshold value set or at the margin of insecure state and will stop testing automatically. When the load is in testing procedure, you can see the battery voltage, battery discharge current, power and battery capability that has been spared. If the load is connected with PC software, then you can see the discharge curve of battery discharge. This test can set out the reliability and remaining life of battery.



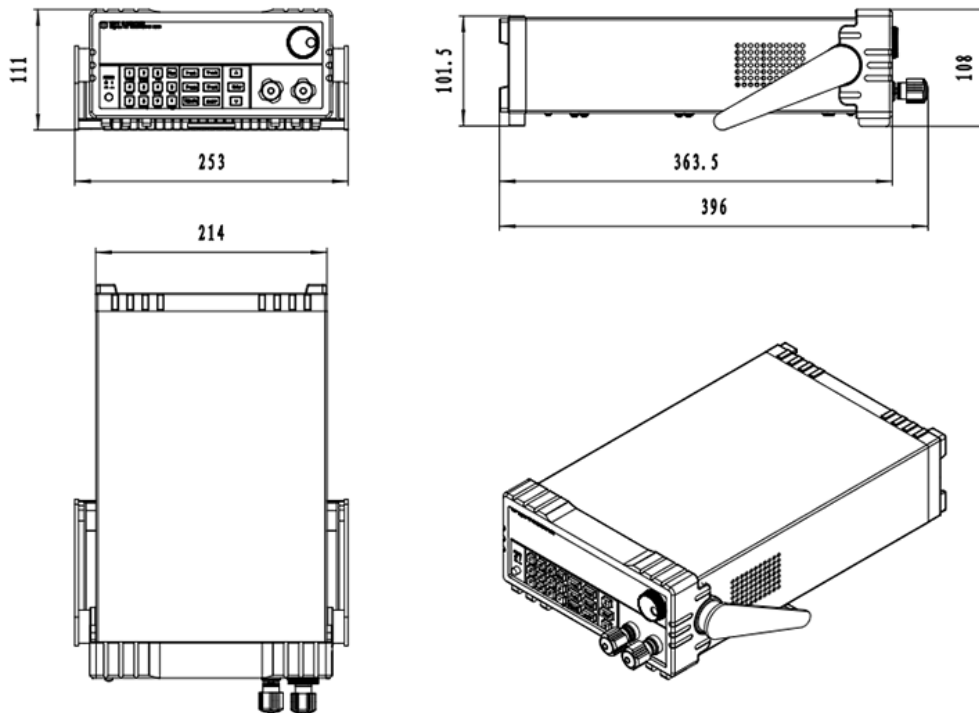
Solar Cell Test: M97 series programmable electronic load equipped with solar cell test software can test multi-channel solar cell parameters, query the test report according to the date, preview the test report that need to be printed and fast print the test report, etc by computer operation.



Details of the products:



150W-400W 1U Size

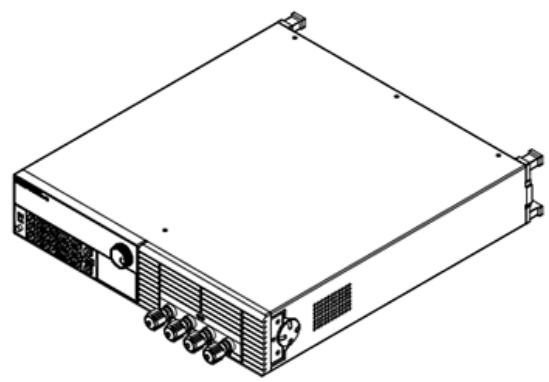
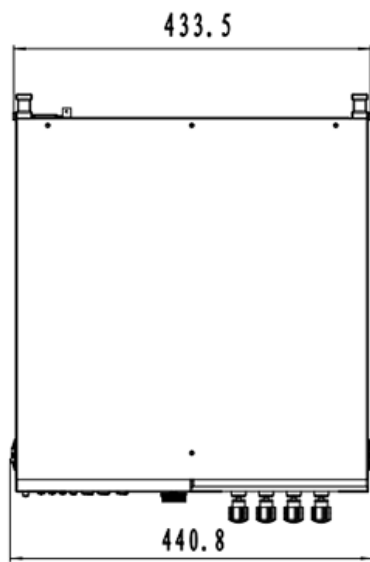
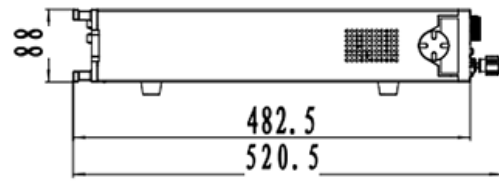
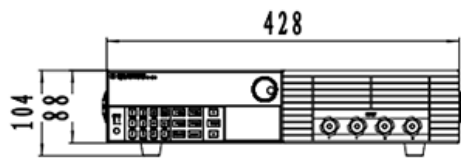


150W-400W 1U Size

Mode		M9711		M9712	
Input Rating	Power	150W		300W	
	Current	0-30A		0-30A	
	Voltage	0-150V		0-150V	
CC Model	Range	0-3A	0-30A	0-3A	0-30A
	Resolution	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS
CV Model	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-150V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS
CR Model(Voltage and current input value \geq 10%full measurement)	Range	0.03 Ω -10K	0.03 Ω -5K	0.03 Ω -10K	0.03 Ω -5K
	Resolution	16bit	16bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Model(Voltage and current input value \geq 10%full measurement)	Range	0-150W	0-150W	0-300W	0-300W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-150V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS
I Measurement	Current	0-3A	0-30A	0-3A	0-30A
	Resolution	0.01mA	0.1mA	0.01mA	0.1mA
	Accuracy	0.03%+0.05%FS	0.03%+0.08%FS	0.03%+0.05%FS	0.03%+0.08%FS
W Measurement(Voltage and current input value \geq 10%full measurement)	Watt	100W	150W	100W	300W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement Battery Input: 0.1-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16H					
Dynamic Measurement Transition List: 0-25kHz; 2.5A/ μ S; T1&T2:60 μ S-999S; Accuracy: \pm 15% offset+10% FS					
CC soft-startup Time 1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS 500mS;1000mS Accuracy: \pm 15% offset+10% FS					
Short Circuit	Current(CC)	\approx 3.3A	\approx 33A	\approx 3.3A	\approx 33A
	Voltage(CV)	0V		0V	
	Resistance(CR)	\approx 55m Ω		\approx 35m Ω	
Temperature	Operating	0~40 $^{\circ}$ C			
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C			
Dimension	H*W*D(mm)	108*214*365			
Weight	Kg	2.8			

Mode		M9712B		M9712C		M9712B30	
Input Rating	Power	300W		300W		300W	
	Current	0-15A		0-60A		0-30A	
	Voltage	0-500V		0-150V		0-500V	
CC Model	Range	0-3A	0-15A	0-6A	0-60A	0-3A	0-30A
	Resolution	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS
CV Model	Range	0.1-19.999V	0.1-500V	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.05%FS
CR Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0.03 Ω -10K	0.03 Ω -5K	0.03 Ω -10K	0.03 Ω -5K	0.03 Ω -10K	0.03 Ω -5K
	Resolution	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0-300W	0-300W	0-300W	0-300W	0-300W	0-300W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.15%FS	0.1%+0.1%FS	0.1%+0.1%FS
V Measurement	Voltage	0-19.999V	0-500V	0-19.999V	0-150V	0-19.999V	0-500V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.05%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.05%FS
I Measurement	Current	0-3A	0-15A	0-6A	0-60A	0-3A	0-30A
	Resolution	0.01mA	0.1mA	0.1mA	1mA	0.01mA	0.1mA
	Accuracy	0.03%+0.05%FS	0.03%+0.08%FS	0.05%+0.08%FS	0.08%+0.15%FS	0.03%+0.05%FS	0.03%+0.08%FS
W Measurement(Voltage and current input value $\geq 10\%$ full measurement)	Watt	100W	300W	100W	300W	100W	300W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.15%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement Battery Input: 0.1-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16H							
Dynamic Measurement Transition List: 0-25KHZ; 2.5A/ μ S; T1&T2:60 μ S-999S; Accuracy: $\pm 15\%$ offset+10% FS							
CC soft-startup Time 1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS 500mS;1000mS Accuracy: $\pm 15\%$ offset+10% FS							
Short Circuit	Current(CC)	$\approx 3.3A$	$\approx 16.5A$	$\approx 6.6A$	66A	$\approx 3.3A$	$\approx 33A$
	Voltage(CV)	0V		0V		0V	
	Resistance(CR)	$\approx 300m\Omega$		$\approx 25m\Omega$		$\approx 45m\Omega$	
Temperature	Operating	0~40 $^{\circ}$ C					
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C					
Dimension	H*W*D(mm)	108*214*365					
Weight	Kg	2.8					

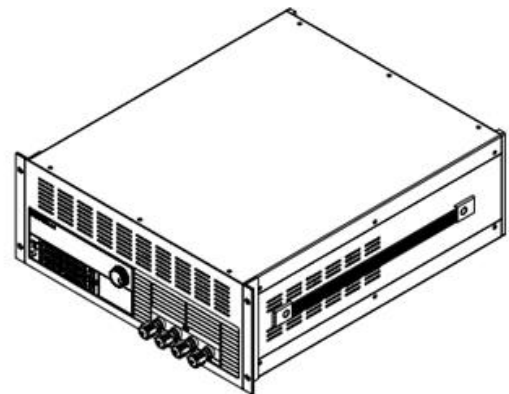
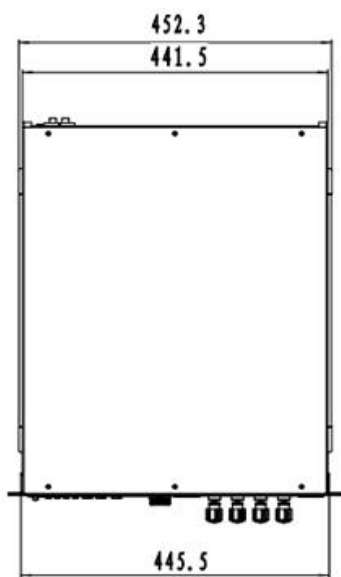
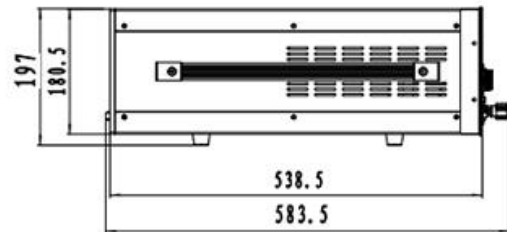
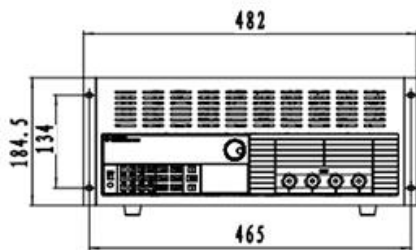
Mode		M9811		M9812		M9812B	
Input Rating	Power	200W		300W		300W	
	Current	0-30A		0-30A		0-15A	
	Voltage	0-150V		0-150V		0-500V	
CC Model	Range	0-3A	0-30A	0-3A	0-30A	0-3A	0-15A
	Resolution	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS
CV Model	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS
CR Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0.03 Ω -10 Ω	0.03 Ω -5K Ω	0.03 Ω -10K Ω	0.03 Ω -5K Ω	0.03 Ω -10K Ω	0.03 Ω -5K Ω
	Resolution	16bit	16bit	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0-200W	0-200W	0-300W	0-300W	0-300W	0-300W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-150V	0-19.999V	0-500V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.05%FS
I Measurement	Current	0-3A	0-30A	0-3A	0-30A	0-3A	0-15A
	Resolution	0.01mA	0.1mA	0.01mA	0.1mA	0.01mA	0.1mA
	Accuracy	0.03%+0.05%FS	0.03%+0.08%FS	0.03%+0.05%FS	0.03%+0.08%FS	0.03%+0.05%FS	0.03%+0.08%FS
W Measurement(Voltage and current input value $\geq 10\%$ full measurement)	Watt	100W	200W	100W	300W	100W	300W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement Battery Input: 0.1-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16H							
Dynamic Measurement Transition List: 0-25KHZ; 2.5A/ μ S; T1&T2:60 μ S-999S; Accuracy: $\pm 15\%$ offset+10% FS							
CC soft-startup Time 1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS 500mS;1000mS Accuracy: $\pm 15\%$ offset+10% FS							
shift+ Δ to enter ,the right lower corner of the VFD screen will show the word "D", re-enter the shift+ Δ to exit							
Short Circuit	Current(CC)	$\approx 3.3A$	$\approx 33A$	$\approx 3.3A$	$\approx 33A$	$\approx 3.3A$	$\approx 16.5A$
	Voltage(CV)	0V		0V		0V	
	Resistance(CR)	$\approx 55m\Omega$		$\approx 35m\Omega$		$\approx 300m\Omega$	
Temperature	Operating	0~40 $^{\circ}$ C					
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C					
Dimension	H*W*D(mm)	108*214*365					
Weight	Kg	2.8					



600W-1200W 2U Size

Model		M9713		M9713B	
Input Rating	Power	600W		600W	
	Current	0-120A		0-30A	
	Voltage	0-150V		0-500V	
CC Model	Range	0-12A	0-120A	0-3A	0-30A
	Resolution	1mA	10mA	0.1mA	1mA
	Accuracy	0.05%+0.05%FS	0.1%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS
CV Model	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.05%FS
CR Model(Voltage and current input value \geq 10%full measurement)	Range	0.03 Ω -10K	0.03 Ω -5K	0.03 Ω -10K	0.03 Ω -5K
	Resolution	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Model(Voltage and current input value \geq 10%full measurement)	Range	0-600W	0-600W	0-600W	0-600W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.05%FS
I Measurement	Current	0-12A	0-120A	0-3A	0-30A
	Resolution	0.1mA	1mA	0.01mA	0.1mA
	Accuracy	0.05%+0.05%FS	0.1%+0.1%FS	0.03%+0.05%FS	0.03%+0.08%FS
W Measurement(Voltage and current input value \geq 10%full measurement)	Watt	100W	600W	100W	600W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement	Battery Input: 0.1-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16H				
Dynamic Measurement	Transition List: 0-25kHz; 2.5A/ μ S; T1&T2:60 μ S-999S; Accuracy: \pm 15% offset+10% FS				
CC soft-startup Time	1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: \pm 15% offset+10% FS				
Short Circuit	Current(CC)	\approx 13.2A	\approx 132A	\approx 3.3A	\approx 33A
	Voltage(CV)	0V		0V	
	Resistance(CR)	\approx 13m Ω		\approx 100m Ω	
Temperature	Operating	0~40 $^{\circ}$ C			
	Non-operating	-10 $^{\circ}$ C ~70 $^{\circ}$ C			
Dimension	H*W*D(mm)	428*103.5*453.5			
Weight	Kg	17.6			

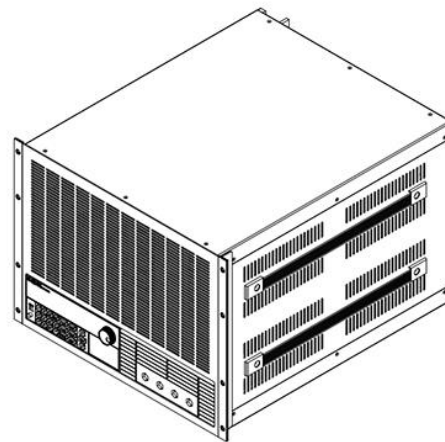
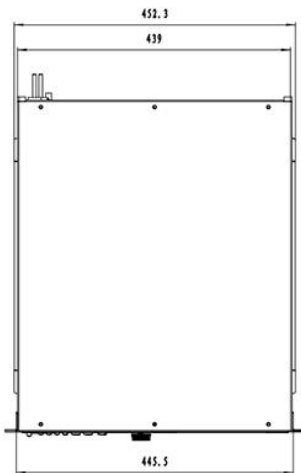
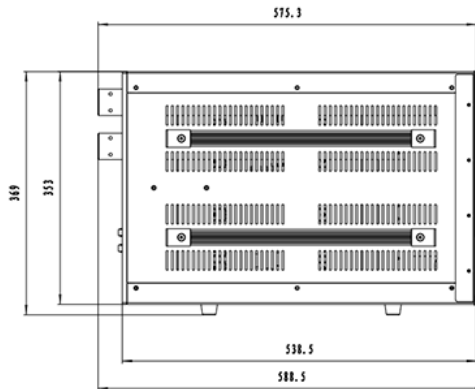
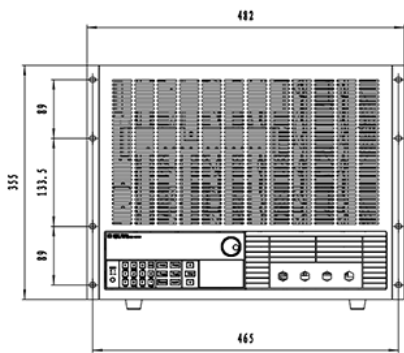
Model		M9714		M9714B	
Input Rating	Power	1200W		1200W	
	Current	0-240A		0-60A	
	Voltage	0-150V		0-500V	
CC Model	Range	0-24A	0-240A	0-6A	0-60A
	Resolution	1mA	10mA	0.1mA	1mA
	Accuracy	0.05%+0.05%FS	0.1%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS
CV Model	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.05%FS
CR Model(Voltage and current input value \geq 10%full measurement)	Range	0.03 Ω -10K	0.03 Ω -5K	0.03 Ω -10K	0.03 Ω -5K
	Resolution	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Model(Voltage and current input value \geq 10%full measurement)	Range	0-1200W	0-1200W	0-1200W	0-1200W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.05%FS
I Measurement	Current	0-24A	0-240A	0-6A	0-60A
	Resolution	0.1mA	1mA	0.01mA	0.1mA
	Accuracy	0.05%+0.05%FS	0.1%+0.1%FS	0.03%+0.05%FS	0.03%+0.08%FS
W Measurement(Voltage and current input value \geq 10%full measurement)	Watt	100W	1200W	100W	1200W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement	Battery Input: 0.1-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16H				
Dynamic Measurement	Transition List: 0-25kHz; 2.5A/ μ S; T1&T2:60 μ S-999S; Accuracy: \pm 15% offset+10% FS				
CC soft-startup Time	1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: \pm 15% offset+10% FS				
Short Circuit	Current(CC)	\approx 26.4A	\approx 264A	\approx 6.6A	\approx 66A
	Voltage(CV)	0V		0V	
	Resistance(CR)	\approx 7m Ω		\approx 50m Ω	
Temperature	Operating	0~40 $^{\circ}$ C			
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C			
Dimension	H*W*D(mm)	428*103.5*453.5			
Weight	Kg	17.6			



180W-300W 4U Size

Model		M9715		M9715B	
Input Rating	Power	1800W		1800W	
	Current	0-240A		0-120A	
	Voltage	0-150V		0-500V	
CC Model	Range	0-24A	0-240A	0-12A	0-120A
	Resolution	1mA	10mA	1mA	10mA
	Accuracy	0.05%+0.05%FS	0.1%+0.05%FS	0.05%+0.05%FS	0.1%+0.05%FS
CV Model	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.05%FS
CR Model(Voltage and current input value \geq 10%full measurement)	Range	0.03 Ω -10K	0.03 Ω -5K	0.03 Ω -10K	0.03 Ω -5K
	Resolution	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Model(Voltage and current input value \geq 10%full measurement)	Range	0-1800W	0-1800W	0-1800W	0-1800W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	0.1%+0.1%FS	0.1%+0.1%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.05%FS
I Measurement	Current	0-24A	0-240A	0-12A	0-120A
	Resolution	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.05%FS	0.1%+0.05%FS	0.03%+0.05%FS	0.1%+0.08%FS
W Measurement (Voltage and current input value \geq 10%full measurement)	Watt	100W	1800W	100W	1800W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement Battery Input: 0.5-120V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16H					
Dynamic Measurement Transition List: 0-25kHz; 5A/ μ S; T1&T2: 60 μ S-999S; Accuracy: \pm 15% offset+10% FS					
CC soft-startup Time 1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: \pm 15% offset+10% FS					
Short Circuit	Current(CC)	\approx 26.4A	\approx 264A	\approx 13.2A	\approx 132A
	Voltage(CV)	0V		0V	
	Resistance(CR)	\approx 6m Ω		\approx 50m Ω	
Temperature	Operating	0~40 $^{\circ}$ C			
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C			
Dimension	H*W*D(mm)	428*207*453.5			
Weight	Kg	31.6			

Model		M9716		M9716B		M9716E	
Input Rating	Power	2400W		2400W		3000W	
	Current	0-240A		0-120A		0-480A	
	Voltage	0-150V		0-500V		0-150V	
CC Model	Range	0-24A	0-240A	0-12A	0-120A	0-48A	0-480A
	Resolution	1mA	10mA	1mA	10mA	1mA	10mA
	Accuracy	0.05%+0.05% FS	0.1%+0.05%F S	0.05%+0.05 %FS	0.1%+0.05%F S	0.05%+0.1%F S	0.1%+0.15%FS
CV Model	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V	0.1-19.999V	0.1-150V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02% FS	0.03%+0.02% FS	0.03%+0.02 %FS	0.03%+0.05% FS	0.03%+0.02% FS	0.03%+0.02%F S
CR Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0.03 Ω -10K Ω	0.03 Ω -5K Ω	0.03 Ω -10K Ω	0.03 Ω -5K Ω	0.03 Ω -10K Ω	0.03 Ω -5K Ω
	Resolution	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%F S	0.1%+0.1%FS	0.1%+0.1%FS	0.2%+0.25%FS
CW Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0-2400W	0-2400W	0-2400W	0-2400W	0-3000W	0-3000W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%F S	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.25%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-500V	0-19.999V	0-150V
	Resolution	1mV	10mV	1mV	10mV	0.1mV	1mV
	Accuracy	0.015%+0.03 %FS	0.015%+0.03 %FS	0.015%+0.0 3%FS	0.015%+0.05 %FS	0.015%+0.03 %FS	0.015%+0.03%F S
I Measurement	Current	0-24A	0-240A	0-12A	0-120A	0-48A	0-480A
	Resolution	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.05% FS	0.1%+0.05%F S	0.03%+0.05 %FS	0.1%+0.08%F S	0.05%+0.15% FS	0.1%+0.25%FS
W Measurement (Voltage and current input value $\geq 10\%$ full measurement)	Watt	100W	2400W	100W	2400W	100W	3000W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%F S	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement Battery Input: 0.5-120V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16H							
Dynamic Measurement Transition List: 0-25kHz; 5A/ μ S; T1&T2: 60 μ S-999S; Accuracy: $\pm 15\%$ offset+10% FS							
CC soft-startup Time 1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: $\pm 15\%$ offset+10% FS							
Short Circuit	Current(CC)	$\approx 26.4A$	$\approx 264A$	$\approx 13.2A$	$\approx 132A$	$\approx 52.8A$	$\approx 528A$
	Voltage(CV)	0V		0V		0V	
	Resistance(CR)	$\approx 6m\Omega$		$\approx 50m\Omega$		$\approx 3.8m\Omega$	
Temperature	Operating	0~40°C					
	Non-operating	-10°C~70°C					
Dimension	H*W*D(mm)	428*207*453.5					
Weight	Kg	31.6					



360W-1000W 8U Size

Model	M9717			M9717B		M9717C	
Input Rating	Power	3600W		3600W		3600W	
	Current	0-240A		0-120A		0-500A	
	Voltage	0-150V		0-500V		0-150V	
CC Mode	Range	0-24A	0-240A	0-12A	0-120A	0-50A	0-500A
	Resolution	1mA	10mA	1mA	10mA	1mA	10mA
	Accuracy	0.05%+0.05%FS	0.1%+0.05%FS	0.05%+0.05%FS	0.1%+0.05%FS	0.1%+0.05%FS	0.15%+0.1%FS
CV Mode	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V	0.1-19.999V	0.1-150V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.05%FS	0.03%+0.02%FS	0.03%+0.02%FS
CR Mode (Voltage and current input value >=10% full measurement)	Range	0.03Ω-10KΩ	0.03Ω-5KΩ	0.03Ω-10KΩ	0.03Ω-5KΩ	0.03Ω-10KΩ	0.03Ω-5KΩ
	Resolution	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Mode(Voltage and current input value >=10% full measurement)	Range	0-3600W	0-3600W	0-3600W	0-3600W	0-3600W	0-3600W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.2%+0.15%FS
Voltage Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-500V	0-19.999V	0-150V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.05%FS	0.015%+0.03%FS	0.015%+0.03%FS
Current Measurement	Current	0-24A	0-240A	0-12A	0-120A	0-50A	0-500A
	Resolution	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.15%FS	0.1%+0.08%FS	0.03%+0.15%FS	0.1%+0.08%FS	0.1%+0.05%FS	0.15%+0.1%FS
Power Measurement (Voltage and current input value >=10% full measurement)	Power	100W	3600W	100W	3600W	100W	3600W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Test :Battery Input:0.1-150V;Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16H							
Dynamic Test :Transition List: 0-25kHz; 5A/uS; T1&T2:60uS-999S; Accuracy:±15% offset+10%FS							
Current soft-startup Time :1mS;2mS;5mS;10mS;20mS;50mS;100mS;200mS;500ms;1000ms Accuracy:±15% offset+10%FS							
Short Circuit	Current(CC)	=26.4A	=264A	=13.2A	=132A	=55A	=550A
	Voltage(CV)	0V		0V		0V	
	Resistance(CR)	8mΩ		45mΩ		3.8mΩ	
Temperature	Operating	0~40°C					
	Non-operating	-10°C~70°C					
Dimension	H*W*D(mm)	357*489.5*538.5					
Weight	Kg	65					

Model		M9718		M9718B	
Input Rating	Power	6000W		6000W	
	Current	0-240A		0-120A	
	Voltage	0-150V		0-500V	
CC Model	Range	0-24A	0-240A	0-12A	0-120A
	Resolution	1mA	10mA	1mA	10mA
	Accuracy	0.05%+0.05%FS	0.01%+0.05%FS	0.05%+0.05%FS	0.1%+0.05%FS
CV Model	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.05%FS
CR Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0.3 Ω -10K	0.3 Ω -5K	0.03 Ω -10K	0.03 Ω -5K
	Resolution	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0-6000W	0-6000W	0-6000W	0-6000W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.05%FS
I Measurement	Current	0-24A	0-240A	0-12A	0-120A
	Resolution	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.05%FS	0.1%+0.08%FS	0.03%+0.05%FS	0.1%+0.08%FS
W Measurement(Voltage and current input value $\geq 10\%$ full measurement)	Watt	100W	6000W	100W	6000W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement	Battery Input: 0.5-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16HS				
Dynamic Measurement	Transition List: 0-25kHz; 5A/ μ S; T1&T2: 60 μ S-999S; Accuracy: $\pm 15\%$ offset+10% FS				
CC soft-startup Time	1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: $\pm 15\%$ offset+10% FS				
Short Circuit	Current(CC)	$\approx 26.4A$	$\approx 264A$	$\approx 13.2A$	132A
	Voltage(CV)	0V		0V	
	Resistance(CR)	$\approx 7m\Omega$		$\approx 35m\Omega$	
Temperature	Operating	0~40 $^{\circ}$ C			
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C			
Dimension	H*W*D(mm)	357*489.5*538.5			
Weight	Kg	65			

Model		M9718D		M9718E		M9718F	
Input Rating	Power	6000W		6000W		6000W	
	Current	0-240A		0-120A		0-480A	
	Voltage	0-500V		0-600V		0-150V	
CC Model	Range	0-24A	0-240A	0-12A	0-120A	0-48A	0-480A
	Resolution	1mA	10mA	1mA	10mA	1mA	10mA
	Accuracy	0.05%+0.05% FS	0.1%+0.05% FS	0.05%+0.05% %FS	0.1%+0.08% FS	0.1%+0.15% FS	0.1%+0.05% FS
CV Model	Range	0.1-19.999V	0.1-500V	0.1-19.999V	0.1-600V	0.1-19.999V	0.1-150V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02% FS	0.03%+0.05% %FS	0.03%+0.02% %FS	0.03%+0.05% %FS	0.03%+0.02% %FS	0.03%+0.02% %FS
CR Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0.03 Ω -10K	0.03 Ω -5K	0.03 Ω -10K	0.03 Ω -5K	0.03 Ω -10K	0.03 Ω -5K
	Resolution	16digit	16digit	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%F S	0.1%+0.1%F S	0.1%+0.15% FS	0.1%+0.1%F S	0.2%+0.15% FS
CW Model(Voltage and current input value $\geq 10\%$ full measurement)	Range	0-6000W	0-6000W	0-6000W	0-6000W	0-6000W	0-6000W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.15%F S	0.1%+0.1%FS	0.2%+0.15%F S
V Measurement	Voltage	0-19.999V	0-500V	0-19.999V	0-600V	0-19.999V	0-150V
	Resolution	1mV	10mV	0.1mV	10mV	0.1mV	1mV
	Accuracy	0.015%+0.03% %FS	0.015%+0.05% 5%FS	0.015%+0.03% 3%FS	0.015%+0.05% 5%FS	0.015%+0.03% 3%FS	0.015%+0.03% 3%FS
I Measurement	Current	0-24A	0-240A	0-12A	0-120A	0-48A	0-480A
	Resolution	0.1mA	1mA	0.01mA	0.1mA	0.01mA	0.1mA
	Accuracy	0.03%+0.05% FS	0.1%+0.08% FS	0.05%+0.08% %FS	0.05%+0.1% FS	0.08%+0.1% FS	0.2%+0.15% FS
W Measurement(Voltage and current input value $\geq 10\%$ full measurement)	Watt	100W	6000W	100W	6000W	100W	6000W
	Resolution	1mW	10mW	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.2%FS	0.2%+0.15%FS
Battery Measurement: Battery Input: 0.5-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16HS							
Dynamic Measurement: Transition List: 0-25kHz; 5A/ μ S; T1&T2: 60 μ S-999S; Accuracy: $\pm 15\%$ offset+10% FS							
CC soft-startup Time: 1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: $\pm 15\%$ offset+10% FS							
Short Circuit	Current(CC)	$\approx 26.4A$	$\approx 264A$	$\approx 13.2A$	$\approx 132A$	$\approx 52.8A$	$\approx 528A$
	Voltage(CV)	0V		0V		0V	
	Resistance(CR)	$\approx 30m\Omega$		$\approx 35m\Omega$		$\approx 5m\Omega$	
Temperature	Operating	0~40 $^{\circ}C$					
	Non-operating	-10 $^{\circ}C$ ~70 $^{\circ}C$					
Dimension	H*W*D(mm)	357*489.5*538.5					
Weight	Kg	65					

Model		M9820		M9820B	
Input Rating	Power	10000W		10000W	
	Current	0-240A		0-120A	
	Voltage	0-150V		0-500V	
CC Mode	Range	0-24A	0-240A	0-12A	0-120A
	Resolution	1mA	10mA	1mA	10mA
	Accuracy	0.05%+0.05%FS	0.05%+0.05%FS	0.05%+0.05%FS	0.05%+0.05%FS
CV Mode	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-500V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.05%FS	0.03%+0.02%FS	0.03%+0.05%FS
CR Mode(Voltage and current input value $\geq 10\%$)	Range	0.3 Ω -2K	0.3 Ω -5K	0.03 Ω -2K	0.03 Ω -5K
	Resolution	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	0.1%+0.1%FS	0.1%+0.15%FS
CW Mode(Voltage and current input value $\geq 10\%$ FS)	Range	0-10000W	0-10000W	0-10000W	0-10000W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	0.1%+0.1%FS	0.1%+0.15%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-500V
	Resolution	1mV	10mV	0.1mV	10mV
	Accuracy	0.03%+0.03%FS	0.03%+0.05%FS	0.03%+0.03%FS	0.03%+0.05%FS
I Measurement	Current	0-24A	0-240A	0-12A	0-120A
	Resolution	0.1mA	1mA	0.01mA	0.1mA
	Accuracy	0.1%+0.15%FS	0.1%+0.15%FS	0.1%+0.1%FS	0.1%+0.15%FS
W Measurement(Voltage and current input value $\geq 10\%$ FS)	Watt	100W	10000W	100W	10000W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	0-12A	0-120A
Battery Measurement :Battery Input: 0.5-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16HS					
Dynamic Measurement:Transition List: 0-25kHz; 5A/ μ S; T1&T2:60 μ S-999S;Accuracy: + 15% offset+10% FS					
CC soft-startup Time :10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: + 15% offset+10% FS					
Short Circuit	Current(CC)	$\approx 26.4A$	$\approx 264A$	$\approx 13.2A$	$\approx 132A$
	Voltage(CV)	0V			
	Resistance(CR)	$\approx 6m\Omega$		$\approx 30m\Omega$	
Temperature	Operating	0~40 $^{\circ}$ C			
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C			
Dimension	W*H*D(mm)	489.5*357*538.5			
Weight	Kg	65			

Model		M9820D		M9820E	
Input Rating	Power	10000W		10000W	
	Current	0-240A		0-120A	
	Voltage	0.2-500V		0-600V	
CC Mode	Range	0-24A	0-12A	0-12A	0-120A
	Resolution	1mA	1mA	1mA	10mA
	Accuracy	0.05%+0.05%FS	0.05%+0.05%FS	0.05%+0.05%FS	0.05%+0.05%FS
CV Mode	Range	0.1-19.999V	0.1-19.999V	0.1-19.999V	0.1-500V
	Resolution	1mV	1mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.05%FS
CR Mode(Voltage and current input value $\geq 10\%$)	Range	0.03 Ω -2K	0.03 Ω -2K	0.03 Ω -2K	0.03 Ω -5K
	Resolution	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.15%FS
CW Mode(Voltage and current input value $\geq 10\%$ FS)	Range	0-10000W	0-10000W	0-10000W	0-10000W
	Resolution	1mW	1mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.15%FS
V Measurement	Voltage	0-19.999V	0-19.999V	0-19.999V	0-500V
	Resolution	0.1mV	0.1mV	0.1mV	10mV
	Accuracy	0.03%+0.03%FS	0.03%+0.03%FS	0.03%+0.03%FS	0.03%+0.05%FS
I Measurement	Current	0-24A	0-12A	0-12A	0-120A
	Resolution	0.01mA	0.01mA	0.01mA	0.1mA
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.15%FS
W Measurement(Voltage and current input value $\geq 10\%$ FS)	Watt	100W	100W	100W	10000W
	Resolution	1mW	1mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0-120A
Battery Measurement :	Battery Input: 0.5-500V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16HS			Battery Input: 0.5-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16HS	
Dynamic Measurement: Transition List: 0-25kHz; 5A/ μ S; T1&T2:60 μ S-999S; Accuracy: + 15% offset+10% FS					
CC soft-startup Time :10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: + 15% offset+10% FS					
Short Circuit	Current(CC)	$\approx 26.4A$	$\approx 264A$	$\approx 13.2A$	$\approx 132A$
	Voltage(CV)	0V			
	Resistance(CR)	$\approx 28m\Omega$		$\approx 30m\Omega$	
Temperature	Operating	0~40 $^{\circ}$ C			
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C			
Dimension	W*H*D(mm)	489.5*357*538.5			
Weight	Kg	65			

Model		M9820F		M9820G	
Input Rating	Power	10000W		10000W	
	Current	0-500A		0-60A	
	Voltage	0-150V		0-1000V	
CC Mode	Range	0-50A	0-500A	0-6A	0-60A
	Resolution	1mA	10mA	1mA	10mA
	Accuracy	0.05%+0.05%FS	0.05%+0.05%FS	0.05%+0.05%FS	0.05%+0.05%FS
CV Mode	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-1000V
	Resolution	1mV	10mV	1mV	10mV
	Accuracy	0.03%+0.02%FS	0.03%+0.05%FS	0.03%+0.02%FS	0.03%+0.05%FS
CR Mode(Voltage and current input value $\geq 10\%$)	Range	0.3 Ω -2K	0.3 Ω -5K	0.03 Ω -2K	0.03 Ω -5K
	Resolution	16 bit	16 bit	16 bit	16 bit
	Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Mode(Voltage and current input value $\geq 10\%$ FS)	Range	0-1000W	0-10000W	0-10000W	0-10000W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	0.1%+0.1%FS	0.1%+0.1%FS
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-1000V
	Resolution	1mV	10mV	0.1mV	10mV
	Accuracy	0.03%+0.03%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.05%+0.08%FS
I Measurement	Current	0-50A	0-500A	0-6A	0-60A
	Resolution	0.1mA	1mA	0.01mA	0.1mA
	Accuracy	0.1%+0.15%FS	0.1%+0.2%FS	0.1%+0.1%FS	0.1%+0.1%FS
W Measurement(Voltage and current input value $\geq 10\%$ FS)	Watt	1000W	10000W	100W	10000W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	0.1%+0.1%FS	0.1%+0.1%FS
Battery Measurement :		Battery Input: 0.5-150V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16HS		Battery Input: 0.5-1000V; Max. Measurement: Capacity=999AH; Resolution=0.1mA; Time Range=1S-16HS	
Dynamic Measurement: Transition List: 0-25kHz; 5A/ μ S; T1&T2:60 μ S-999S; Accuracy: + 15% offset+10% FS					
CC soft-startup Time :10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: + 15% offset+10% FS					
Short Circuit	Current(CC)	$\approx 55A$	$\approx 550A$	$\approx 6.6A$	$\approx 66A$
	Voltage(CV)	0V			
	Resistance(CR)	$\approx 5m\Omega$		$\approx 45m\Omega$	
Temperature	Operating	0~40 $^{\circ}$ C			
	Non-operating	-10 $^{\circ}$ C~70 $^{\circ}$ C			
Dimension	W*H*D(mm)	489.5*357*538.5			
Weight	Kg	65			

Options & Accessories



AC power cord (accessory)



RS232 optical isolation communication interface(Optional)



USB optical isolation communication interface(Optional)



RS485 optical isolation communication interface(Optional)



M-151 19" Rack mount kit(Optional)