

## M9714B - Features and Benefits



- Six high speed operation modes: CC,CR,CV,CW,CC+CV,CR+CW
- Over current,over voltage,over power,over heat,polarity reversed protection
- High-luminance VFD screen with 2 lines& 4 channels display
- Intelligent fan system fan will be automatically initiated
- Battery testing and short-circuit function
- Supporting external trigger input and output
- External current waveform monitor terminal
- Supporting remote voltage compensation and multidata storage
- USB Cable/RS232 Cable/RS485 Cable all for optional

Specifications	Input Rating	
	Power	1200W
Voltage	0~500V	
Current	0~60A	
CC Mode		
Range	0~6A	0~60A
Resolution	0.1mA	1mA
Accuracy	0.03%+0.05%FS	0.03%+0.05%FS
CV Mode		
Range	0.1~19.999V	0.1~500V
Resolution	1mV	10mV
Accuracy	0.03%+0.02%FS	0.03%+0.05%FS
CR Mode (Voltage and current input value >=10% full measurement)		
Range	0.03Ω ~10kΩ	0.03Ω ~5kΩ
Resolution	16 bit	16 bit
Accuracy	0.1%+0.1%FS	0.1%+0.1%FS
CW Mode (Voltage and current input value >=10% full measurement)		
Range	0~1200W	0~1200W
Resolution	1mW	10mW
Accuracy	0.1%+0.1%FS	0.1%+0.1%FS
Voltage Measurement		
Range	0~19.999V	0~500V
Resolution	1mV	10mV
Accuracy	0.015%+0.03%FS	0.015%+0.05%FS
Current Measurement		
Range	0~6A	0~60A
Resolution	0.01mA	0.1mA
Accuracy	0.03%+0.05%FS	0.03%+0.08%FS
Power Measurement (Voltage and current input value >=10% full measurement)		
Range	100W	1200W
Resolution	1mW	10mW
Accuracy	0.1%+0.1%FS	0.1%+0.1%FS
Battery Test	Battery Input: 0.1~150V; Max. Measurement:Capacity=999AH; Resolution=0.1mA; Test Range=1S-16H	
Dynamic Test	Transition List:0~25kHz; 2.5A/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	
Dimension	428mm(W)*103.5mm(H)*453.5mm(D)	
Weight	17.6kg	