

M9712B - 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	300W
	Voltage	0~500V
	Current	0~15A
	CC Mode	
	Range	0~3A 0~15A
	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	0.3Ω ~10kΩ 0.3Ω ~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	0~300W 0~300W	
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	0~3A 0~15A	
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 300W	
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	214mm(W)*108mm(H)*365mm(D)	
Weight	3.5kg	