

## M9718F - 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
- Battery test and short-circuit test functions
- Supporting external trigger on either input or output
- External current waveform monitor terminal output terminal
- Supports remote voltage compensation and multi-data storage
- Power-on-self-test, software calibration and standard rack mountable
- Edits arbitrary waveforms in list function
- Available with RS232/RS485/USB serial interfaces

Specifications	Input Rating		
	Power	6000W	
	Current	0-480A	
	Voltage	0-150V	
	CC Mode		
	Range	0-48A	0-480A
	Resolution	1mA	10mA
	Accuracy	0.1%+0.15%FS	0.1%+0.15%FS
	CV Mode		
	Range	0.1-19.999V	0.1-150V
Resolution	1mV	10mV	
Accuracy	0.03%+0.02%FS	0.03%+0.02%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%+0.2%FS	
CW Mode (Voltage and current input value >=10% full measurement)			
Range	0~6000W	0~6000W	
Resolution	1mW	10mW	
Accuracy	0.1%+0.1%FS	0.1%+0.2%FS	
Voltage Measurement			
Range	0~19.999V	0-150V	
Resolution	0.1mV	1mV	
Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	
Current Measurement			
Range	0-48A	0-480A	
Resolution	0.1mA	1mA	
Accuracy	0.08%+0.1%FS	0.2%+0.15%FS	
Power Measurement (Voltage and current input value >=10% full measurement)			
Range	100W	6000W	
Resolution	1mW	10mW	
Accuracy	0.1%+0.2%FS	0.2%+0.15%FS	
Battery Test	Battery Input:0.5-120V; Max.Measurement:Capacity=999/H; Resolution=0.1mA;Time Range=1S-16HS		
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 Accuracy: ±15% offset+10%FS		
Dimension	408mm*428mm*453.5mm		
Weight	70kg		