

Model		M9711		M9712		M9712B		M9712C		M9712B30	
Input Rating	Power	150W		300W		300W		300W		300W	
	Current	0-30A		0-30A		0-15A		0-60A		0-30A	
	Voltage	0-150V		0-150V		0-500V		0-150V		0-500V	
CC Mode	Range	0-3A	0-30A	0-3A	0-30A	0-3A	0-15A	0-6A	0-60A	0-3A	0-30A
	Resolution	0.1mA	1mA	0.1mA	1mA	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	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS	0.03%+0.05%FS
CV Mode	Range	0.1-19.999V	0.1-150V	0.1-19.999V	0.1-150V	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	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	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS	0.03%+0.02%FS
CR Mode	Range	0.03Ω-10K	0.03Ω-5K	0.03Ω-10K	0.03Ω-5K	0.3Ω-10K	0.3Ω-5K	0.03Ω-10K	0.03Ω-5K	0.3Ω-10K	0.3Ω-5K
	Resolution	16bit	16bit	16bit	16bit	16bit	16bit	16bit	16bit	16bit	16bit
	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	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS	0.1%+0.1%FS
CW Mode	Range	0-150W	0-150W	0-300W	0-300W	0-300W	0-300W	0-300W	0-300W	0-300W	0-300W
	Resolution	1mW	10mW	1mW	10mW	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	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	0-19.999V	0-150V	0-19.999V	0-500V
	Resolution	1mV	10mV	1mV	10mV	1mV	10mV	1mV	10mV	1mV	10mV
	Accuracy	0.015%+0.03%FS	0.015%+0.03%FS	0.015%+0.02%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	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	0-6A	0-60A	0-3A	0-30A
	Resolution	0.01mA	0.1mA	0.01mA	0.1mA	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	0.03%+0.05%FS	0.03%+0.08%FS	0.03%+0.05%FS	0.03%+0.08%FS
W Measurement	Watt	100W	150W	100W	300W	100W	300W	100W	300W	100W	300W
	Resolution	1mW	10mW	1mW	10mW	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	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/uS; T1&T2:60uS-999S; Accuracy: + 15% offset+10% FS											
CC soft-startup Time: 1 mS; 2 mS; 5mS; 10mS; 20 mS; 50 mS; 100 mS; 200 mS Accuracy: + 15% offset+10% FS											
Short Circuit	Current(CC)	≈ 3.3A	≈ 33A	≈ 3.3A	≈ 33A	≈ 3.3A	≈ 18A	≈ 6.6A	66A	≈ 3.3A	≈ 18A
	Voltage(CV)	0V		0V		0V		0V		0V	
	Resistance(CR)	≈ 55mΩ		≈ 28mΩ		≈ 200mΩ		≈ 20mΩ		≈ 200mΩ	
Temperature	Operating	0~40°C		0~40°C		0~40°C		0~40°C		0~40°C	
	Nonoperating	-10°C~70°C		-10°C~70°C		-10°C~70°C		-10°C~70°C		-10°C~70°C	
Dimension	W*H*D(mm)	214*108*365 mm									
Weight	Kg	6.5 Kg									