

SPECIFICATIONS

Model	3381F	3382F	3387F
Power	1200W	1800W	1800W
Current	0~40A	0~60A	0~12A
Voltage	0~500V	0~500V	0~500V
Min. Operating Voltage	4V @ 40A	4V @ 60A	6V @ 12A
Constant Current Mode			
Range ¹	0~4.02A/40.2A	0~6A/60A	0~1.2A/12A
Resolution	0.067mA/0.67mA	0.1mA/1mA	0.02mA/0.2mA
Accuracy	± 0.1% OF (Setting + Range)		
Constant Resistance Mode			
Range	0.25~15~900KΩ	0.1666~10~600KΩ	0.8333~50~3000KΩ
Resolution	0.25mΩ/1.1111uS	0.1666mΩ/1.6666uS	0.8333mΩ/0.333uS
Accuracy	± 0.2% OF (Setting + Range)		
Constant Voltage Mode			
Range	60V/500V		
Resolution	1mV/10mV	1mV/10mV	1mV/10mV
Accuracy	± 0.05% OF (Setting + Range)		
Constant Power Mode			
Range	120W/1200W	180W/1800W	180W/1800W
Resolution	2mW/20mW	3mW/30mW	3mW/30mW
Accuracy	± 0.5% OF (Setting + Range)		
Dynamic Mode -CC			
Timing			
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999mS		
Resolution	0.001 / 0.01 / 0.1 / 1mS		
Accuracy	1uS/10uS/100uS/1mS + 50ppm		
Slew rate	3.2mA~200mA/uS 32mA~2000mA/uS	4.8mA~300mA/uS 48mA~3000mA/uS	0.96mA~60mA/uS 9.6mA~600mA/uS
Resolution	0.8 / 8mA/uS	1.2 / 12mA/uS	0.24 / 2.4mA/uS
Accuracy	(5% of setting) ± 10 uS		
Min. Rise Time	20uS(typical)		
Current			
Range	4.02A/40.2A	6A/60A	1.2A/12A
Resolution	0.067mA/0.67mA	0.1mA/1mA	0.02mA/0.2mA
Accuracy	± 0.1% OF (Setting + Range)		
Measurement			
Voltage Read Back			
Range (5 Digital)	0~60V/600V		
Resolution	0.001V/0.01V		
Accuracy	± 0.025% OF (Reading + Range)		
Current Read Back			
Range (5 Digital)	0~4.02A/40.2A	0~6A/60A	0~1.2A/12A
Resolution	0.067mA/0.67mA	0.1mA/1mA	0.02mA/0.2mA
Accuracy	± 0.1% OF (Reading + Range)		
Power Read Back			
Range (5 Digital)	0~120W/1200W	0~180W/1800W	0~180W/1800W
Resolution	0.01W		
Accuracy	± 0.125% OF (Reading + Range)		
Program mode(Mainframe)			
Sequence No.	F1~9/16 Steps		
T1/T2 (Dwell)	0.1S~9.9S/Repeat 9999		
Load Setting(External Programming)	0~10V for CC mode F.S.		
GO/NG Check	Voltage/Current/Power		
Protections			
Over Power	105% of Rated Power		
Over Current	105% of Rated Current		
Over Voltage	105% of Rated Voltage		
Over Temp.	Yes		
Interface(Mainframe)			
RS-232	Optional		
GPIB	Optional		
USB	Optional		
Ethernet	Optional		
RS-232 + GPIB	Optional		
Others			
Load ON Voltage			
Range	0.4~100.0V		
Resolution	0.4V		
Accuracy	1% of Setting + 2.5V		
Load OFF Voltage			
Range	0~100V		
Resolution	Same as Voltage Meter		
Accuracy	Same as Voltage Meter		
General			
Short Circuit			
Current	40A	60A	12A
Temperature Coefficient	100 ppm/°C(typical)		
Power	100 Wmax	100 Wmax	100 Wmax
Operating Temperature ²	0~40°C		
Dimension(HxWxD)	177 x 440 x 445 mm/6.97x17.3x17.5 inch		
Weight	19.4 Kg/42.77 lbs	23.6 kg / 52.03 lbs	23.6 Kg/52.03 lbs
Safety & EMC	CE		

Note¹ : The range is automatically or forcing to range II only in CC mode

Note² : Operating temperature range is 0~40°C, All specifications apply for 25°C±5°C

