

SPECIFICATIONS

MODEL : LF10000-A(10KW)



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Parameter		Specifications	
Operating range(@0℃ ~ 40℃)	Voltage	1 to 150.0V	
	Current	0 to 1000.0A	
	Max Power	0 to 10000.0W at 40℃ (derated to 8000.0W at 50℃)	
MODE SPECIFICATIONS			
CC MODE	RANGE	HI 0 to 1050.0A LOW 0 to 100.0A	
	RESOLUTION	LOW 10.0mA	HI 100.0mA
	Accuracy	±0.1%±200.0mA (after 30sec wait)	
CV MODE	RANGE	HI 1 to 157.5V LOW 0 to 20.0V	
	RESOLUTION	LOW 1.0mV	HI 10.0mV
	Accuracy	±0.05%±30.0mV	
CR MODE	RANGE	0.01 to 150Ω	
	RESOLUTION	10mΩ	
	Accuracy	±0.5%±100mΩ (<50mS)	
CP MODE	RANGE	0 to 10000.0W at 40℃	
	RESOLUTION	1W	
	Accuracy	±0.5%±0.5W (<50mS)	
ON/OFF MODE	RANGE	0 to 1050.0A	
	RESOLUTION	100.0mA	
	Accuracy	±0.1%±200.0mA (after 30sec wait)	
	ON/OFF TIME	100mS~250H59M59S990mS(10mS Unit)	
FUSE MODE	REPEAT	1~65000	
	RANGE	0 to 1050.0A	
	RESOLUTION	100.0mA	
	Accuracy	±0.1%±200.0mA (after 30sec wait)	
BAT MODE	FUSE TIME	100mS~250H59M59S990mS(10mS Unit)	
	CC	RANGE	0 to 1050.0A
		Accuracy	±0.1%±200.0mA (after 30sec wait)
	CR	RANGE	0.01 to 150Ω
		Accuracy	±0.5%±100mΩ (<50mS)
	CP	RANGE	0 to 10000.0W at 40℃
		Accuracy	±0.5%±0.5W (<50mS)
	END Volt	0 to 157.5V	
END CAP	0.01 to 5000AH		
CYCLE MODE	CC	RANGE	0 to 1050.0A
		Accuracy	±0.1%±200.0mA (after 30sec wait)
	CV	RANGE	0 to 157.5V
		Accuracy	±0.05%±30.0mV
	CYCLE TIME	100mS~250H59M59S990mS(10mS Unit)	
	STEP	1~100Step	
REPEAT	1~65000		
DYNAMIC MODE	MEMORY CH	2CH	
	Freq Range	0.5Hz ~ 10KHz	
	Freq Accuracy	3%	
	Duty Cycle Range	3~97%(<200μS)	
	Duty Cycle Accuracy	6% of setting±2%	
	CC	Range	0 to 1050.0A
		Accuracy	A ±0.1%±200.0mA B ±0.2%±400.0mA
	CV	Range	0 to 157.5V
Accuracy		A ±0.05%±30.0mV B ±0.1%±60.0mV	
SLEW RATE(typical values: 5%~95%)			
CC,CR,CP MODE		<2mS(0 to 1000.0A)	
CV MODE		<10mS(0 to 150.0V)	
PROTECTION			
OVP		162.0V(<10mS)	
OCP		1080.0A(<10mS)	
OPP		10800.0W(<10mS)	
OTP		100℃(Heatsink Temp)	
Short& Open	Shor	30mΩ(max), 10mΩ(typical)	
	Open	≥2kΩ	
Ripple& Noise	Current	100mA(rms)/300mA(p-p)	
	Voltage	30mV(rms)	
Remote Sensing		3Vdc between sense And load input	
INPUT AC		110/220V(S/W) ± 10% 50~60Hz/2A POWER MAX :440W	
Remote Interface		RS-232C & RS-485 (TCP/IP Option)	
Cooling		Isolation DC FAN	
Dimensions (19-inch 2U Standard)		600mm(W) * 1400mm(H) *900mm(D)	
Weight		160kg(Net weight) /170kg(Gross weight)	