

SPECIFICATIONS

MODEL : LF300-C(300W)



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Parameter		Specifications	
Operating range(@0℃ ~ 40℃)	Voltage	1 to 600.0V	Maximum 606.0
	Current	0 to 10.0A	Maximum 10.5
	Max Power	0 to 300.0W at 40℃	(derated to 240.0W at 50℃)
MODE SPECIFICATIONS			
CC MODE	RANGE	HI 0 to 10.5A LOW 0 to 1.0A	
	RESOLUTION	LOW 0.1mA	HI 1.0mA
	Accuracy	± 0.1%± 2.0mA (after 30sec wait)	
CV MODE	RANGE	HI 1 to 606.0V LOW 0 to 60.0V	
	RESOLUTION	LOW 1.0mV	HI 10.0mV
	Accuracy	± 0.05%± 120.0mV	
CR MODE	RANGE	0.6 to 18kΩ	
	RESOLUTION	100mΩ	
	Accuracy	±0.5%±200mΩ (<50mS)	
CP MODE	RANGE	0 to 300.0W at 40℃	
	RESOLUTION	10mW	
	Accuracy	±0.5%±30mW (<50mS)	
ON/OFF MODE	RANGE	0 to 10.5A	
	RESOLUTION	1.0mA	
	Accuracy	±0.1%±2.0mA (after 30sec wait)	
	ON/OFF TIME	100mS~250H59M59S990mS(10mS Unit)	
FUSE MODE	REPEAT	1~65000	
	RANGE	0 to 10.5A	
	RESOLUTION	1.0mA	
	Accuracy	±0.1%±2.0mA (after 30sec wait)	
BAT MODE	FUSE TIME	100mS~250H59M59S990mS(10mS Unit)	
	CC	RANGE	0 to 10.5A
		Accuracy	±0.1%±2.0mA (after 30sec wait)
	CR	RANGE	0.6 to 18kΩ
		Accuracy	±0.5%±200mΩ (<50mS)
	CP	RANGE	0 to 300.0W at 40℃
		Accuracy	±0.5%±30mW (<50mS)
	END Volt	0 to 606.0V	
END CAP	0.01 to 5000AH		
CYCLE MODE	CC	RANGE	0 to 10.5A
		Accuracy	±0.1%±2.0mA (after 30sec wait)
	CV	RANGE	0 to 606.0V
		Accuracy	±0.05%±120.0mV
	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 10.5A
		Accuracy	A ± 0.1%± 2.0mA
	CV	Range	0 to 606.0V
Accuracy		A ± 0.05%± 120.0mV	B ± 0.1%± 240.0mV
SLEW RATE(typical values; 5%~ 95%)			
CC,CR,CP MODE		<200uS(0 to 10.0A)	
CV MODE		<2mS(0 to 600.0V)	
PROTECTION			
OVP		648.0V(<10mS)	
OCP		10.8A(<10mS)	
OPP		324.0W(<10mS)	
OTP		100℃(Heatsink Temp)	
Short& Open	Shor	100mΩ(max), 50mΩ(typical)	
	Open	≥20kΩ	
Ripple& Noise	Current	4mA(rms)/ 40mA(p- p)	
	Voltage	6mV(rms)	
Remote Sensing		3Vdc between sense And load input	
INPUT AC		110/220V(S/W) ± 10% 50~ 60Hz/300mA POWER MAX :66W	
Remote Interface		RS- 232C & RS- 485 (TCP/IP Option)	
Cooling		Isolation DC FAN	
Dimensions (19- inch 2U Standard)		213mm(W) * 88mm(H) *470mm(D) (300~600W)	
Weight		7kg(Net weight) / 8kg(Gross weight)	