

MODEL : LP1300-C(1300W)

Parameter		Specifications					
Operating range(@0°C ~ 40°C)	Voltage	3~500V					
	Current	0~30A					
	Max Power	1300W at40°C(derated to 988W at 55°C)					
MODE SPECIFICATIONS							
CC MODE	RANGE	HIGH_0~30A LOW_0~3A					
	RESOLUTION	L:10mA :H100mA					
	Accuracy	±0.1%±200mA (after 30sec wait)					
CV MODE	RANGE	3~500V					
	RESOLUTION	100mV(remote sense) or 400mV(local sense)					
	Accuracy	±0.1%±500mV					
CR MODE	RANGE	HIGH_10~40kΩ					
		MID_1~4kΩ					
		LOW_0.2~17Ω					
Accuracy	HIGH&MID_±0.3%±8mΩ (with ≥6V at input) LOW_±0.8%±8mΩ (with ≥6A at input)						
DYNAMIC MODE	MEMORY CH	2CH					
	Freq Range	0.5Hz ~ 10KHz					
	Freq Accuracy	3%					
	Duty Cycle Range	6~97%(0.25~1kHz), 6~94%(1~10kHz)					
	Duty Cycle Accuracy	6% of setting±2%					
	Pulse Width	50μs±3%(min),4s±3%(max)					
	Current Range	0~30A					
	Current Accuracy	±0.1%±70mA					
	Voltage Range	0~500V					
	Voltage Accuracy	±0.1%±500mV					
Mode	CC,CV						
PROTECTION							
OVP	520V						
OPP	1415W						
OTP	105°C(Heatsink Temp)						
Short& Open	Shor	50mΩ(max), 70mΩ(typical)					
	Open	≥50kΩ					
Ripple& Noise	Current	2mA(rms)/20mA(p-p)					
	Voltage	100mV(rms)					
SLEW RATE (typical values: 5%~95%)							
X	Current Slew Rate(Conditions:3~500V)			Voltage Slew Rate		Resistanc Slew Rate	
		High Range Step	Low Range Step	Transition Time	Voltage Step		Transition Time
	1	0.32A/ms	32A/s	8.0ms	4V/ms		8.0ms
	2	0.8A/ms	80A/s	3.2ms	10V/ms		3.2ms
	3	1.6A/ms	160A/s	1.6ms	20V/ms		1.6ms
	4	3.2A/ms	0.32A/ms	800μs	40V/ms		800μs
	5	8A/ms	0.8A/ms	320μs	100V/ms		320μs
	6	16A/ms	1.6A/ms	160μs	200V/ms		160μs
	7	32A/ms	3.2A/ms	80μs	0.4V/μs		100μs
	8	80A/ms	8A/ms	32μs	1V/μs		100μs
	9	0.16A/μs	16A/ms	16μs	2V/μs		100μs
10	0.32/μs	32A/ms	16μs	XXXXXXXXXX			
Remote Sensing	5Vdc between sense And load input						
INPUT AC	220V ± 10% 50~60Hz/250mA						
Remote Interface	RS-232C & RS-485 & USB						
Cooling	Isolation DC FAN						
Dimensions (19-inch 3U Standard)	426mm(W) * 177mm(H) *470mm(D) (1000~1300W)						
Weight	25kg(Net weight) /27kg(Gross weight)						