

MODEL : LP300-A(300W)

Parameter		Specifications					
Operating range(@0°C ~ 40°C)	Voltage	0~60V					
	Current	0~60A					
	Max Power	300W					
MODE SPECIFICATIONS							
CC MODE	RANGE	HIGH_0~60A LOW_0~6A					
	RESOLUTION	L:10mA :H100mA					
	Accuracy	±0.1%±75mA (after 30sec wait)					
CV MODE	RANGE	0~60V					
	RESOLUTION	10mV(remote sense) or 40mV(local sense)					
	Accuracy	±0.1%±50mV					
CR MODE	RANGE	HIGH_10~10,000Ω MID_1~1000Ω LOW_0.3~1Ω					
	Accuracy	HIGH&MID_±0.3%±8mS (with ≥6V at input) LOW_±0.8%±8mΩ (with ≥6A at input)					
	MEMORY CH	2CH					
DYNAMIC MODE	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	Low_0~6A, Hi_0~60A					
	Current Accuracy	Low_±0.1%±80mA, Hi_±0.1%±350mA					
	Voltage Range	0~60V					
	Voltage Accuracy	±0.1%±300mV					
	Resistance Range	LOW_0.03~1Ω, MID_1~1000Ω, HIGH_10~10,000Ω					
	Resistanc Accuracy	LOW_±0.8%±8mΩ (with ≥6A at input), HIGH&MID_±0.3%±8mS (with ≥6V at input)					
	Mode	CC,CV,CR,					
PROTECTION							
OVP	63V						
OCP	63A						
OPP	315W						
OTP	105°C(Heatsink Temp)						
Short& Open	Shor	33mΩ(max), 20mΩ(typical)					
	Open	≥20kΩ					
Ripple& Noise	Current	4mA(rms)/40mA(p-p)					
	Voltage	6mV(rms)					
SLEW RATE							
X	Current Slew Rate			Voltage Slew Rate		Resistanc Slew Rate	
	High Range Step	Low Range Step	Transition Time	Voltage Step	Transition Time		
	1	1A/ms	0.1A/ms	8.0ms	1V/ms		8.0ms
	2	2.5A/ms	0.25A/ms	3.2ms	2.5V/ms		3.2ms
	3	5A/ms	0.5A/ms	1.6ms	5V/ms		1.6ms
	4	10A/ms	1A/ms	800μs	10V/ms		800μs
	5	25A/ms	2.5A/ms	320μs	25V/ms		320μs
	6	50A/ms	5A/ms	160μs	50V/ms		160μs
	7	0.1A/μs	10A/ms	80μs	0.1V/μs		80μs
	8	0.25A/μs	25A/ms	32μs	0.25V/μs		32μs
9	0.5A/μs	50A/ms	16μs	0.5V/μs	16μs		
Remote Sensing	5Vdc between sense And load input						
INPUT AC	220V ± 10% 50~60Hz/250mA						
Remote Interface	RS-232C & RS-485						
Cooling	Isolation DC FAN						
Dimensions (19-inch 3U Standard)	213mm(W) * 133mm(H) *470mm(D) (300~600W)						
Weight	7Kkg(Net weight) / 8kg(Gross weight)						