

# SPECIFICATIONS

MODEL : LP400-C(400W)



# ODA

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Parameter		Specifications					
Operating range(@0°C ~ 40°C)	Voltage	3~500V					
	Current	0~10A					
	Max Power	400W at40°C(derated to 305W at 55°C)					
<b>MODE SPECIFICATIONS</b>							
CC MODE	RANGE	HIGH_0~10A LOW_0~1A					
	RESOLUTION	L:10mA :H100mA					
	Accuracy	±0.1%±100mA (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_0.4~40Ω					
	Accuracy	HIGH&MID_±0.3%±8mΩ (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	0~10A					
	Current Accuracy	±0.1%±70mA					
	Voltage Range	0~500V					
	Voltage Accuracy	±0.1%±500mV					
	Mode	CC,CV					
<b>PROTECTION</b>							
OVP	520V						
OPP	440W						
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)					
<b>SLEW RATE</b> (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	0.16A/ms	16A/s	8.0ms	4V/ms		8.0ms
	2	0.4A/ms	40A/s	3.2ms	10V/ms		3.2ms
	3	0.80A/ms	80A/s	1.6ms	20V/ms		1.6ms
	4	1.6A/ms	0.16A/ms	800µs	40V/ms		800µs
	5	4A/ms	0.4A/ms	320µs	100V/ms		320µs
	6	8A/ms	0.8A/ms	160µs	200V/ms		160µs
	7	16A/ms	1.6A/ms	80µs	0.4V/µs		100µs
	8	40A/ms	4A/ms	32µs	1V/µs		100µs
9	80A/ms	8A/ms	16µs	2V/µs	100µs		
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)	213mm(W) * 133mm(H) *530mm(D) (210~420W)						
Weight	9kg(Net weight) / 10kg(Gross weight)						