

SPECIFICATIONS

MODEL : LP2000-A(2kw)



ODA

TECHNOLOGIES
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Parameter		Specifications					
Operating range(@0℃ ~ 40℃)	Voltage	3~60V					
	Current	0~400A					
	Max Power	2kw					
MODE SPECIFICATIONS							
CC MODE	RANGE	HIGH_0~400A LOW_0~40A					
	RESOLUTION	L:100mA,H:1A					
	Accuracy	±0.1%±400mA (after 30sec wait)					
CV MODE	RANGE	3~60V					
	RESOLUTION	10mV(remote sense) or 40mV(local sense)					
	Accuracy	±0.1%±40mV					
CR MODE	RANGE	HIGH_15~600Ω MID_0.15~60Ω LOW_0.06~0.15Ω					
	Accuracy	HIGH&MID_±0.3%±4mS (with ≥6V at input) LOW_±0.8%±4mΩ (with ≥6A at input)					
	MEMORY CH	2CH					
DYNAMIC MODE	Freq Range	0.5Hz ~ 1KHz					
	Freq Accuracy	3%					
	Duty Cycle Range	6~97%(0.25~1KHz)					
	Duty Cycle Accuracy	6% of setting±2%					
	Pulse Width	50μs±3%(min),4s±3%(max)					
	Current Range	Hi_0~400A					
	Current Accuracy	Hi_±0.1%±800mA					
	Voltage Range	0~60V					
	Voltage Accuracy	±0.1%±300mV					
	Resistance Range	LOW_0.06~0.15Ω, MID_0.15~60Ω, HIGH_15~600Ω					
	Resistanc Accuracy	LOW_±0.8%±4mΩ (with ≥6A at input), HIGH&MID_±0.3%±4mS (with ≥6V at input)					
	Mode	CC,CV					
	PROTECTION						
OVP	63V						
OCP	420A						
OPP	2200W						
OTP	105°C(Heatsink Temp)						
Short& Open	Shor	7mΩ(max),5mΩ(typical)					
	Open	≥2kΩ					
Ripple& Noise	Current	30mA(rms)/300mA(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	4A/ms	0.4A/ms	8.0ms	1V/ms		8.0ms
	2	10A/ms	1A/ms	3.2ms	2.5V/ms		3.2ms
	3	20A/ms	2A/ms	1.6ms	5V/ms		1.6ms
	4	40A/ms	4A/ms	800μs	10V/ms		800μs
	5	0.1A/μs	10A/ms	320μs	25V/ms		320μs
	6	0.2A/μs	20A/ms	160μs	50V/ms		160μs
	7	0.4A/μs	40A/ms	80μs	0.1V/μs		80μs
8	1A/μs	0.1A/μs	32μs	0.25V/μs	32μs		
Remote Sensing	5Vdc between sense And load input						
INPUT AC	220V ± 10% 50~60Hz/430mA						
Remote Interface	RS-232C & RS-485						
Cooling	Isolation DC FAN						
Dimensions (19-inch 3U Standard)	426mm(W) * 176mm(H) *630mm(D)						
Weight	28kg(Net weight) / 30kg(Gross weight)						