

SPECIFICATIONS

MODEL : LP600-A(600W)



ODA

TECHNOLOGIES
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Parameter		Specifications					
Operating range(@0°C ~ 40°C)	Voltage	0~60V					
	Current	0~120A					
	Max Power	600W					
MODE SPECIFICATIONS							
CC MODE	RANGE	HIGH_0~120A LOW_0~12A					
	RESOLUTION	L:100mA,H:1A					
	Accuracy	±0.1%±120mA (after 30sec wait)					
CV MODE	RANGE	0~60V					
	RESOLUTION	10mV(remote sense) or 40mV(local sense)					
	Accuracy	±0.1%±50mV					
CR MODE	RANGE	HIGH_1~600Ω MID_0.1~60Ω LOW_0.17~0.5Ω					
	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	Low_0~12A, Hi_0~120A					
	Current Accuracy	Low_±0.1%±120mA, Hi_±0.1%±500mA					
	Voltage Range	0~60V					
	Voltage Accuracy	±0.1%±300mV					
	Resistance Range	LOW_0.017~0.5Ω, MID_0.5~500Ω, HIGH_5~5.000Ω					
	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		126A					
OPP		630W					
OTP		105°C(Heatsink Temp)					
Short& Open	Shor	17mΩ(max), 10mΩ(typical)					
	Open	≥10kΩ					
Ripple& Noise	Current	8mA(rms)/80mA(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	2A/ms	0.2A/ms	8.0ms	1V/ms		8.0ms
	2	5A/ms	0.5A/ms	3.2ms	2.5V/ms		3.2ms
	3	10A/ms	1A/ms	1.6ms	5V/ms		1.6ms
	4	20A/ms	2A/ms	800μs	10V/ms		800μs
	5	50A/ms	5A/ms	320μs	25V/ms		320μs
	6	0.1A/μs	10A/ms	160μs	50V/ms		160μs
	7	0.2A/μs	20A/ms	80μs	0.1V/μs		80μs
	8	0.5A/μs	50A/ms	32μs	0.25V/μs		32μs
9	1A/μs	0.1A/μs	16μs	0.5V/μs	16μs		
Remote Sensing				5Vdc between sense And load input			
INPUT AC				220V ± 10% 50~60Hz/300mA			
Remote Interface				RS-232C & RS-485			
Cooling				Isolation DC FAN			
Dimensions (19-inch 3U Standard)				213mm(W) * 133mm(H) * 530mm(D) (300~600W)			
Weight				8.5kg(Net weight) / 9.5kg(Gross weight)			