

# SPECIFICATIONS

MODEL : LP600-C(600W)



# ODA

TECHNOLOGIES  
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Parameter		Specifications					
Operating range(@0°C ~ 40°C)	Voltage	3~ 500V					
	Current	0~ 15A					
	Max Power	600W at40°C(derated to 456W at 55°C)					
<b>MODE SPECIFICATIONS</b>							
CC MODE	RANGE	HIGH_0~ 15A LOW_0~ 1.5A					
	RESOLUTION	L:10mA :H100mA					
	Accuracy	±0.1%± 150mA (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~ 33Ω					
	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~ 15A					
	Current Accuracy	± 0.1%± 70mA					
	Voltage Range	0~ 500V					
	Voltage Accuracy	± 0.1%± 500mV					
	Mode	CC,CV					
<b>PROTECTION</b>							
OVP		520V					
OPP		690W					
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	0.24A/ms	24A/s	8.0ms	4V/ms		8.0ms
	2	0.6A/ms	60A/s	3.2ms	10V/ms		3.2ms
	3	1.2A/ms	120A/s	1.6ms	20V/ms		1.6ms
	4	2.4A/ms	0.24A/ms	800µs	40V/ms		800µs
	5	6A/ms	0.6A/ms	320µs	100V/ms		320µs
	6	12A/ms	1.2A/ms	160µs	200V/ms		160µs
	7	24A/ms	2.4A/ms	80µs	0.4V/µs		100µs
	8	60A/ms	6A/ms	32µs	1V/µs		100µs
9	0.12A/µs	12A/ms	16µs	2V/µs	100µs		
10	0.24A/µs	24A/ms	16µs				
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) * 133mm(H) *470mm(D) (630~840W)						
Weight	14kg(Net weight) / 15kg(Gross weight)						