

Linear	Desktop
Enclosed or L Bracket	Open Frame
PCB Mount	Rack Mount Hot Swap

AC-DC Selector

Applications	# of Outputs	Output Power (W)												
		5	10	15	30	50	100	300	500	1000	1500	2500		
High Reliability Industrial (Five Year Warranty)	Single				NNS									
					HWS									
						JWS								
									LZSA					
	Dual			NND										
	Triple					JWT								
Industrial (Three Year Warranty)	Single & Multiple		HK-A (Single Output, 115VAC input)											
							NV							
				MTW						Vega				
										Alpha				
					LS									
Datacom Commercial (One - Two Year Warranty)	Single		KW, KPS, KM											
			ZWS, ZWSAF, ZWSPAF											
				DT										
				H										
				SC, SC120, ZP					SWS					
								PFE						
									FPS (1U)					
									TH (1U)					
		Multiple		KW, KM										
				LWD, LWT										
			H											
			DT											
			SC, ZP											
						ZWD, ZWQ								
Programmable	Single							ZUP						
DIN Rail Mount	Single			DSP, DPP, DLP-PU*										
						DLP								

* See website

120W & 240W DIN Rail Mount Power Supplies



RoHS

- ◆ Low Cost
- ◆ 12V, 24V or 48V Outputs
- ◆ Auto-ranging input (no manual switching)
- ◆ Parallel Function Switch
- ◆ -25 to +71°C Operation
- ◆ Convection Cooled

Specifications			
MODELS		DPP120-xx-1	DPP240-xx-1
ITEMS			
AC Input Voltage range	VAC	93 - 132 / 186 - 264VAC, single phase. Auto select	
Input Frequency	Hz	47 - 63Hz	
DC Input Voltage range	VDC	210 - 370VDC	
Inrush Current (115 / 230VAC)	A	24 / 48A	30 / 60A
Power Factor	-	Meets EN61000-3-2	
Input Current (115 / 230VAC)	A	2.8 / 1.4A	5.4 / 2.2A
Output Voltage Accuracy	%	-0, +1% of Nominal	
Line Regulation	%	±0.5%	
Load Regulation	%	±1% (±5% when set in parallel mode)	
Ripple and Noise (20MHz BW)	mV	50mV	100mV
Overcurrent Protection (Typ)	-	110 - 145%	
Overvoltage Protection	V	See model selector	
Overtemperature Protection	-	-	
Hold Up Time (230VAC input)	ms	> 30ms	
Parallel operation	-	Set in parallel (droop) mode - maximum of 3 units	
LED Indicators	-	Green LED = On, Red LED = DC Output Low	
DC Good Relay (24V model only)	-	0.3A rated normally open relay contacts, closes when output is above 17.6 - 19.4V	
Operating Temperature	-	-25 to +71°C (Derate linearly 2.5%/°C from 61 to 71°C)	
Storage Temperature	°C	-25 to +85°C	
Operating Humidity	-	20 - 95% RH (non condensing)	
Cooling (1)	-	Convection	
Withstand Voltage	-	Input to Output 3kVAC for 1 min.	
Isolation Resistance	-	> 100M at 25C & 70%RH, Output to Ground 500VDC	
Safety Agency Approvals	-	UL508 Listed, UL60950-1, EN60950-1, CE	
Conducted & Radiated EMI	-	EN55022 class B	EN55022 class A
Weight (Typ)	g	920	1000
Size (WxHxD)(1)	in	2.5 x 4.92 x 4.59"	3.27 x 4.92 x 4.57"
Case material	-	Metal	
Warranty	yrs	Two years	

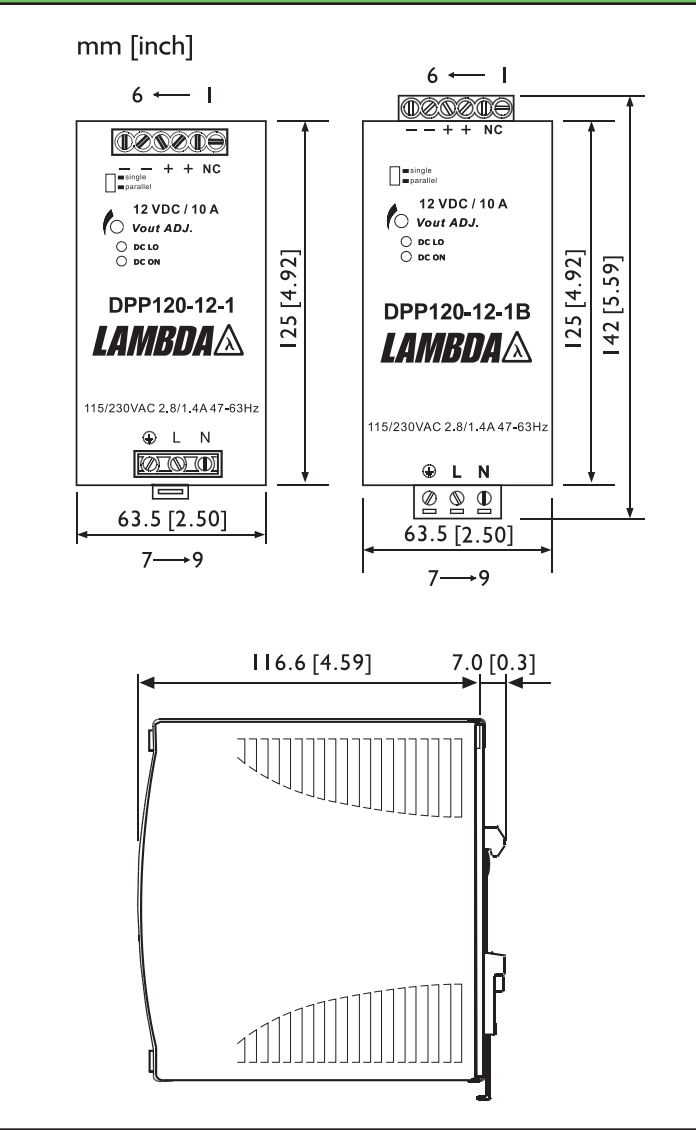
(1) Recommend 1" clearance on all sides

DPP120-240 Series

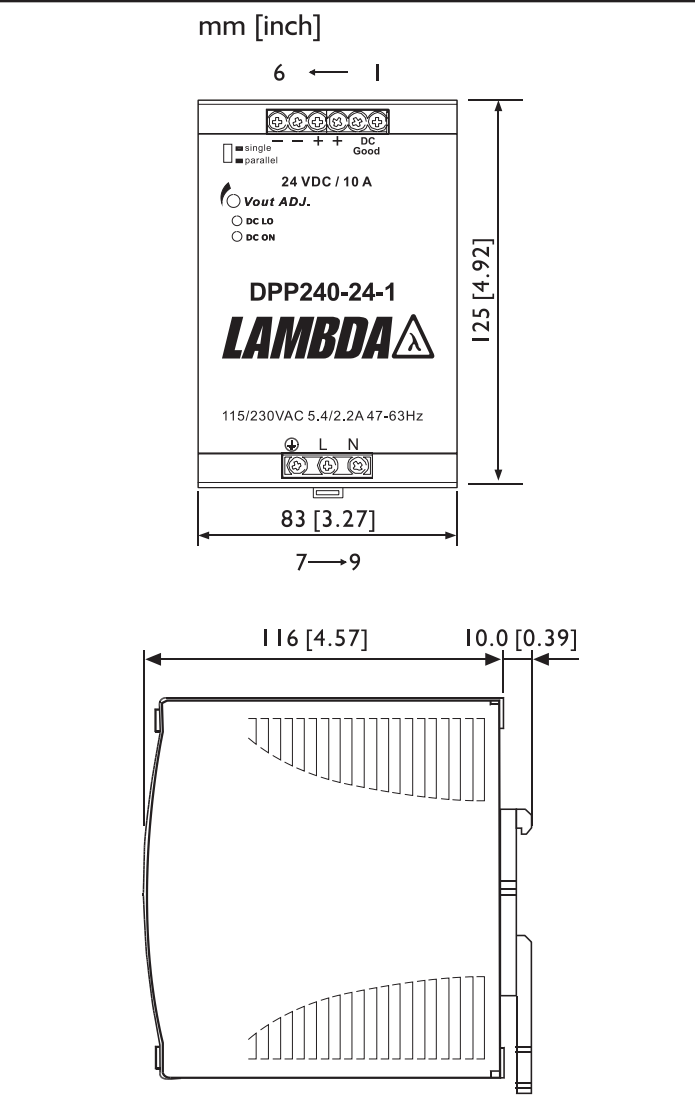
Model Selector

Model	Voltage	Adjust. Range	Output Curr.	Over-voltage	Eff.
DPP120-12-1	12V	11.4 - 14.5V	10A	15 - 17.4V	84%
DPP120-24-1	24V	22.5 - 28.5V	5A	30 - 34.8V	86%
DPP120-48-1	48V	45 - 55V	2.5A	60 - 69.6V	87%
DPP240-24-1	24V	22.5 - 28.5V	10A	30 - 34.8V	89%
DPP240-48-1	48V	47 - 56V	5A	60 - 69.6V	90%

Outline Drawing (DPP120)



Outline Drawing (DPP240)



Terminal Assignments

#	Function
1	DC Good relay
2	DC Good relay
3	+V
4	+V
5	-V
6	-V
7	Chassis ground
8	N
9	L

Snap-on Mounting: snap onto DIN Rail TS35/7.5 or TS35/15. (no tools required)

Other Lambda DIN Rail Products

DPP	15W to 100W
DPP480	480W single and three phase
DSP	10W to 100W low profile
DLP	75W to 240W single phase