



LED Power Supply

From The World's No.1 Power Supply Company

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www.DeltaPSU.com



LED Driver

Product Introduction

Download **DeltaPSU AR** app from the App Store or Google Play.
Scan product image with the  logo to view the 3D product simulation.

LNE



- Constant Voltage and Constant Current Design
- North American and International AC voltage options
- 6kV common mode & 4kV differential mode surge immunity
- Adjustable voltage & current, dimming options available
- IP65 or IP67 options for indoor and outdoor applications



LNE-C Pro



- Constant current design
- Universal AC input voltage from 99-305Vac
- Common mode 6KV and differential mode 6KV surge immunity
- Adjustable constant current level through program tool
- Wide operating temperature range -40°C to +70°C
- 0-10V dimming available
- With IP66/IP67 protection from most outdoor applications
- Suitable for Dry / Damp / Wet location



LNP-C



- Constant current design
- Input voltage from 198-264Vac
- Independent or built-in type
- Fixed output current
- IP20 assembly for indoor applications



LNV



- Constant Voltage and Constant Current Design
- Designed for single phase (for L – N) or two phase (for L – L) wide input 180-528Vac
- 6kV common mode & 4kV differential mode surge immunity
- Adjustable voltage & current, dimming options available
- IP65 or IP67 options for indoor and outdoor applications



LED Driver

Product List

New products are frequently introduced. Please visit www.DeltaPSU.com for latest

Product Type	Series	Model Name	Phase	PFC	Output Voltage	Output Current	Output Power	Input Voltage Range	(Dimensions (L x W x H))		
			1								
LED Driver	<ul style="list-style-type: none"> High surge immunity IP65/IP67 Compliant LED lighting power solution 	LNE-12V100W□AA	●	●	12V	8.0A	96W	90-305Vac	220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")	
		LNE-12V120W□AA	●	●		10.0A	120W		220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")	
		LNE-12V150W□AA	●	●		12.5A	150W		228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")	
		LNE-12V185W□AA	●	●		13.0A	156W		228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")	
		LNE-12V320W□AA	●	●		22.5A	270W		252 x 90 x 43.6 mm	(9.92" x 3.54" x 1.72")	
		LNE-12V100W□CA	●	●		8.0A	96W		90-264Vac	220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-12V120W□CA	●	●		10.0A	120W			220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-12V150W□CA	●	●		12.5A	150W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-12V185W□CA	●	●		13.5A	156W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-12V320W□CA	●	●		22.5A	270W			252 x 90 x 43.6 mm	(9.92" x 3.54" x 1.72")
		LNE-24V100W□AA	●	●	24V	4.0A	96W	90-305Vac		220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-24V120W□AA	●	●		5.0A	120W			220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-24V150W□AA	●	●		6.3A	151.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-24V185W□AA	●	●		7.8A	187.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-24V320W□AA	●	●		13.4A	320W			252 x 90 x 43.6 mm	(9.92" x 3.54" x 1.72")
		LNE-24V100W□CA	●	●		4.0A	96W		90-264Vac	220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-24V120W□CA	●	●		5.0A	120W			220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-24V150W□CA	●	●		6.3A	151.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-24V185W□CA	●	●		7.8A	187.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-24V320W□CA	●	●		13.4A	320W			252 x 90 x 43.6 mm	(9.92" x 3.54" x 1.72")
		LNE-36V100W□AA	●	●	36V	2.65A	95.4W	90-305Vac		220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-36V120W□AA	●	●		3.4A	122.4W			220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-36V150W□AA	●	●		4.2A	151.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-36V185W□AA	●	●		5.2A	187.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-36V320W□AA	●	●		8.9A	320W			252 x 90 x 43.6 mm	(9.92" x 3.54" x 1.72")
		LNE-36V100W□CA	●	●		2.65A	95.4W		90-264Vac	220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-36V120W□CA	●	●		3.4A	122.4W			220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-36V150W□CA	●	●		4.2A	151.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-36V185W□CA	●	●		5.2A	187.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-36V320W□CA	●	●		8.9A	320W			252 x 90 x 43.6 mm	(9.92" x 3.54" x 1.72")
		LNE-48V100W□AA	●	●	48V	2.0A	96W	90-305Vac		220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-48V120W□AA	●	●		2.5A	120W			220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-48V150W□AA	●	●		3.2A	153.6W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-48V185W□AA	●	●		3.9A	187.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-48V320W□AA	●	●		6.7A	320W			252 x 90 x 43.6 mm	(9.92" x 3.54" x 1.72")
		LNE-48V100W□CA	●	●		2.0A	96W		90-264Vac	220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-48V120W□CA	●	●		2.5A	120W			220 x 68 x 38.8 mm	(8.66" x 2.68" x 1.53")
		LNE-48V150W□CA	●	●		3.2A	153.6W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-48V185W□CA	●	●		3.9A	187.2W			228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")
		LNE-48V320W□CA	●	●		6.7A	320W			252 x 90 x 43.6 mm	(9.92" x 3.54" x 1.72")
LNE-54V150W□AA	●	●	54V	2.8A	151.2W	90-305Vac	228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")			
LNE-54V185W□AA	●	●		3.45A	186.3W		228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")			
LNE-54V150W□CA	●	●		2.8A	151.2W	90-264Vac	228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")			
LNE-54V185W□CA	●	●		3.45A	186.3W		228 x 68 x 38.8 mm	(8.98" x 2.68" x 1.53")			

Model Numbering

LN	E -	XXV	XXXW	□	□	A
LED Driver	Product Series E - High efficiency and PFC	Output Voltage	Output Power	Package Type A - IP65 with potentiometers to adjust output voltage & constant current level B - IP67 without dimming cable & potentiometers ¹⁾ D - IP67 with dimming cable to adjust constant current level	Safety Approval <u>100-185W</u> A - UL approval C - ENEC, CE, KC, PSE and CCC approval <u>320W</u> A - UL approval C - ENEC, CE, and CCC approval	Variable A - Delta Standard

1) Options for 320W models only

Product Type	Series	Model Name	Phase		PFC	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimensions (L x W xH)
			1	2						
LNV	<ul style="list-style-type: none"> High input voltage IP65/IP67 Compliant LED lighting power solution 	LNV-12V320W□AA	●	●	●	12V	22.5A	270W	180-528Vac	262 x 90 x 43.8 mm (10.31" x 3.54" x 1.72")
		LNV-24V320W□AA	●	●	●	24V	13.4A	320W		
		LNV-36V320W□AA	●	●	●	36V	8.9A	320W		
		LNV-48V320W□AA	●	●	●	48V	6.7A	320W		

LED Driver Model Numbering

LN	E -	XXV	XXXW	□	□	A
LED Driver	Product Series V - High input voltage	Output Voltage	Output Power	Package Type A - IP65 with potentiometers to adjust output voltage & constant current level B - IP67 without dimming cable & potentiometers D - IP67 with dimming cable to adjust constant current level	Safety Approval A - UL approval	Variable A - Delta Standard

Product Type	Series	Model Name	Phase		PFC	Output Current	Output Voltage Adjustment Range	Output Power Range	Input Voltage Range	Dimensions (L x W xH)
			1	2						
LED Driver	LNP-C	LNP-03A21WBCA	●	●	0.35A	42-57Vdc	14.7-20W	220-240Vac	115 x 45 x 29 mm (4.52" x 1.77" x 1.14")	
		LNP-03A20WBCA	●	●		31-42Vdc	10.9-14.7W			
		LNP-05A20WBCA	●	●	0.5A	31-42Vdc	15.5-21W			
		LNP-07A20WBCA	●	●		21-28.6Vdc	14.7-20W			
		LNP-07A35WBC□	●	●	0.7A	24-43Vdc	16.8-30.1W			
		LNP-07A40WBCA	●	●		39-57Vdc	27.3-40W			
		LNP-08A35WBCA	●	●	0.8A	24-43Vdc	19.2-34.4W	220-240Vac		
		LNP-09A35WBCA	●	●		24-38Vdc	21.6-34.2W			
	LNP-10A35WBC□	●	●	1.05A	24-38Vdc	25.2-40W				
	LNE-C Pro	<ul style="list-style-type: none"> Constant current design Adjustable constant current level through program tool IP66/67 Compliant 	LNE-14A75WHGA	●	●	1.4A	36-107Vdc	75W	99-305Vac	174 x 68 x 37 mm (6.85" x 2.68" x 1.46")
			LNE-14A100WHGA	●	●		47-143Vdc	100W		220 x 68 x 37 mm (8.66" x 2.68" x 1.46")
			LNE-14A150WHGA	●	●		72-214Vdc	150W		240 x 68 x 37 mm (9.44" x 2.68" x 1.46")
			LNE-14A200WHGA	●	●	2.1A	75-190Vdc	200W	99-305Vac	240 x 100 x 38 mm (9.45" x 3.94" x 1.49")
			LNE-14A250WHGA	●	●		90-238Vdc	250W		
LNE-21A320WHGA			●	●	90-225Vdc		320W			

Model Numbering

LNP -	XXA	XXW	B	C	□
LED Driver Series P	Output Current 03A - 350mA 05A - 500mA 07A - 700mA 08A - 800mA 09A - 900mA 10A - 1050mA	Output Power	Function B - Fixed type	Region C - EMEA & Others	Product Type A - Independent B - Built-in ¹⁾

1) Options for LNP-07A35WBC□ and LNP-10A35WBC□ only

LNE -	XXA	XXW	H	G	A
LED Driver Series E - High efficiency and PFC	Output Current 14A - 1400mA 21A - 2100mA	Output Power	Function H - Programmable	Safety Approval G - UL, ENEC, CE approval	Variable A - Delta Standard

Open Frame Power Supply

Product Introduction & List

PJL



AR

- Universal AC input voltage range
- Standard industrial footprint of 3" x 5"
- Low inrush current <20A and up to 90% efficiency
- Low earth leakage current <500μA
- Extreme low temperature operation at -40°C
- Safety approval according to UL 8750 and IEC/UL 60950-1

Product Type	Series	Model Name	Phase	PFC	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimensions (L x W x H)
			1						
Open Frame Power Supply	PJP • UL 8750 and IEC/UL 60950-1 approvals • Low inrush current • LED lighting power solution	PJP-48V200WBAA	●	●	48V	4.17A	200W	85-305Vac	127 x 76.2 x 34.6 mm (5.00" x 3.02" x 1.36")
		PJP-48V400WBAA	●	●		8.33A	400W		127 x 76.2 x 39.2 mm (5.00" x 3.02" x 1.54")

Open Frame Model Numbering

PJ	L -	XXV	XXXW	B	B	A
Open Frame	Product Type L - Lighting Application Series	Output Voltage	Output Power	Package Type B - Open Frame	Active PFC	A - JST connector

LED Driver Package Types

Delta LED drivers are designed according to major international safety standards for various indoor and outdoor lighting applications. Every piece is rigorously tested for the highest quality and reliability.

- IP65 Protection

LNE-□□□W□□□□, LNV-□□□W□□□□

With potentiometers to adjust output voltage and constant current level



100-185W

320W

- IP67 Protection

LNE-□□□W□□□□, LNV-□□□W□□□□

Without dimming cable and potentiometers



320W

LNE-□□□W□□□□, LNV-□□□W□□□□

With dimming cable to adjust constant current level



100-185W

320W



To learn more about LED power supply, please visit our website.





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October 2018 - All information and specifications are subjected to change without prior notice.