

Selection Guide

LED Driver

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

Issue Date: 2018/09/27

| Product Type | Series | Model Name | Phase | PFC | Output Voltage | Output Current | Output Power | Input Voltage Range |
|----------------|--|----------------|-------|--------|----------------|----------------|--------------|---------------------|
| | | | 1 | | | | | |
| LED Driver | LNE • High surge immunity • IP65/IP67 Compliant • LED lighting power solution | LNE-12V100W□AA | ● | ● | 12V | 8.0A | 96W | 90-305Vac |
| | | LNE-12V120W□AA | ● | ● | | 10.0A | 120W | |
| | | LNE-12V150W□AA | ● | ● | | 12.5A | 150W | |
| | | LNE-12V185W□AA | ● | ● | | 13.0A | 156W | |
| | | LNE-12V320W□AA | ● | ● | | 22.5A | 270W | |
| | | LNE-12V100W□CA | ● | ● | 12V | 8.0A | 96W | 90-264Vac |
| | | LNE-12V120W□CA | ● | ● | | 10.0A | 120W | |
| | | LNE-12V150W□CA | ● | ● | | 12.5A | 150W | |
| | | LNE-12V185W□AA | ● | ● | | 13.0A | 156W | |
| | | LNE-12V320W□AA | ● | ● | | 22.5A | 270W | |
| | | LNE-24V100W□AA | ● | ● | 24V | 4.0A | 96W | 90-305Vac |
| | | LNE-24V120W□AA | ● | ● | | 5.0A | 120W | |
| | | LNE-24V150W□AA | ● | ● | | 6.3A | 151.2W | |
| | | LNE-24V185W□AA | ● | ● | | 7.8A | 187.2W | |
| | | LNE-24V320W□AA | ● | ● | | 13.4A | 320W | |
| | | LNE-24V100W□CA | ● | ● | 24V | 4.0A | 96W | 90-264Vac |
| | | LNE-24V120W□CA | ● | ● | | 5.0A | 120W | |
| | | LNE-24V150W□CA | ● | ● | | 6.3A | 151.2W | |
| | | LNE-24V185W□CA | ● | ● | | 7.8A | 187.2W | |
| | | LNE-24V320W□CA | ● | ● | | 13.4A | 320W | |
| | | LNE-36V100W□AA | ● | ● | 36V | 2.65A | 95.4W | 90-305Vac |
| | | LNE-36V120W□AA | ● | ● | | 3.4A | 122.4W | |
| | | LNE-36V150W□AA | ● | ● | | 4.2A | 151.2W | |
| | | LNE-36V185W□AA | ● | ● | | 5.2A | 187.2W | |
| | | LNE-36V320W□AA | ● | ● | | 8.9A | 320W | |
| | | LNE-36V100W□CA | ● | ● | 36V | 2.65A | 95.4W | 90-264Vac |
| | | LNE-36V120W□CA | ● | ● | | 3.4A | 122.4W | |
| | | LNE-36V150W□CA | ● | ● | | 4.2A | 151.2W | |
| LNE-36V185W□CA | ● | ● | 5.2A | 187.2W | | | | |
| LNE-36V320W□CA | ● | ● | 8.9A | 320W | | | | |

LED Driver 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 100-185W A - UL approval C - ENEC, CE, KC, PSE and CCC approval 320W A - UL approval C - ENEC, CE, and CCC approval | Variable A - Delta Standard |

1) Options for 320W models only

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| Product Type | Series | Model Name | Phase | | PFC | Output Voltage | Output Current | Output Power | Input Voltage Range |
|----------------|--|----------------|-------|-------|--------|----------------|----------------|--------------|---------------------|
| | | | 1 | 2 | | | | | |
| LED Driver | LNE • High surge immunity • IP65/IP67 Compliant • LED lighting power solution | LNE-48V100W□AA | ● | | ● | 48V | 2.0A | 96W | 90-305Vac |
| | | LNE-48V120W□AA | ● | | ● | | 2.5A | 120W | |
| | | LNE-48V150W□AA | ● | | ● | | 3.2A | 153.6W | |
| | | LNE-48V185W□AA | ● | | ● | | 3.9A | 187.2W | |
| | | LNE-48V320W□AA | ● | | ● | | 6.7A | 320W | |
| | | LNE-48V100W□CA | ● | | ● | 2.0A | 96W | 90-264Vac | |
| | | LNE-48V120W□CA | ● | | ● | 2.5A | 120W | | |
| | | LNE-48V150W□CA | ● | | ● | 3.2A | 153.6W | | |
| | | LNE-48V185W□CA | ● | | ● | 3.9A | 187.2W | | |
| | | LNE-48V320W□CA | ● | | ● | 6.7A | 320W | | |
| | | LNE-54V150W□AA | ● | | ● | 54V | 2.8A | 151.2W | 90-305Vac |
| | | LNE-54V185W□AA | ● | | ● | | 3.45A | 186.3W | |
| | | LNE-54V150W□CA | ● | | ● | | 2.8A | 151.2W | 90-264Vac |
| LNE-54V185W□CA | ● | | ● | 3.45A | 186.3W | | | | |

| Product Type | Series | Model Name | Phase | | PFC | Output Current | Output Voltage Adjustment Range | Output Power Range | Input Voltage Range |
|--------------|---|----------------|-------|---|-----|----------------|---------------------------------|--------------------|---------------------|
| | | | 1 | 2 | | | | | |
| LED Driver | LNE-C Pro • Constant current design • Adjustable constant current level through program tool • IP66/67 Compliant | LNE-14A75WHGA | ● | | ● | 1.4A | 36-107Vdc | 75W | 99-305Vac |
| | | LNE-14A100WHGA | ● | | ● | | 47-143Vdc | 100W | |
| | | LNE-14A150WHGA | ● | | ● | | 72-214Vdc | 150W | |
| | | LNE-14A200WHGA | ● | | ● | | 75-190Vdc | 200W | |
| | | LNE-14A250WHGA | ● | | ● | | 90-238Vdc | 250W | |
| | | LNE-21A320WHGA | ● | | ● | 2.1A | 90-225Vdc | 320W | 99-305Vac |

LED Driver Model Numbering

| 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 |

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| Product Type | Series | Model Name | Phase | | PFC | Output Voltage | Output Current | Output Power | Input Voltage Range |
|--------------|--|----------------|-------|---|-----|----------------|----------------|--------------|---------------------|
| | | | 1 | 2 | | | | | |
| LED Driver | 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 |
| | | LNV-24V320W□AA | ● | ● | ● | 24V | 13.4A | 320W | |
| | | LNV-36V320W□AA | ● | ● | ● | 36V | 8.9A | 320W | |
| | | LNV-48V320W□AA | ● | ● | ● | 48V | 6.7A | 320W | |

| Product Type | Series | Model Name | Phase | PFC | Output Current | Output Voltage Adjustment Range | Output Power Range | Input Voltage Range |
|---------------|---|---------------|-------|----------|----------------|---------------------------------|--------------------|---------------------|
| | | | 1 | | | | | |
| LED Driver | LNP-C <ul style="list-style-type: none"> Constant current design High input voltage IP20 Compliant | LNP-03A21WBCA | ● | ● | 0.35A | 42-57Vdc | 14.7-20W | 220-240Vac |
| | | LNP-03A20WBCA | ● | ● | | 31-42Vdc | 10.9-14.7W | |
| | | LNP-05A20WBCA | ● | ● | 0.5A | 31-42Vdc | 15.5-21W | 220-240Vac |
| | | LNP-07A20WBCA | ● | ● | | 21-28.6Vdc | 14.7-20W | |
| | | LNP-07A35WBC□ | ● | ● | 0.7A | 24-43Vdc | 16.8-30.1W | 220-240Vac |
| | | 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 | | | |

LED Driver Model Numbering

| LN | V - | 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 |

| 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