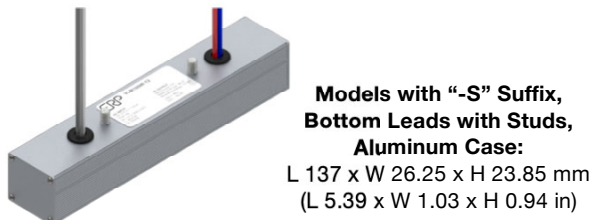
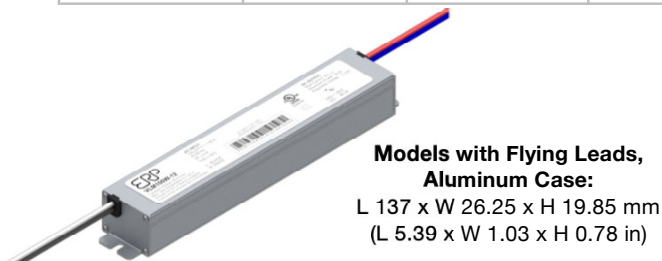


96 W, Efficient, Compact Non-Dimmable CV Class 2 / Class II LED Drivers

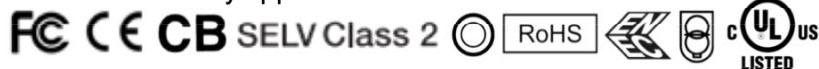
Nominal Input Voltage	Max. Output Power	Nominal Output Voltage	Max. Output Current	Efficiency	Max. Case Temperature	THD	Power Factor
120 & 277, 220 to 240 Vac	96 W	12, 24, 48 Vdc	8, 4, 2 A	up to 93% typical	90°C (measured at the hot spot)	< 20%	> 0.9



ERP Part Number	Nominal Input Voltage (Vac)	Pout Max (W)	Vout Nom (Vdc)	Iout Min (A)	Iout Max (A)	Open Loop Voltage (No Load Vout Max) (Vdc)
120/277 VAC NOMINAL VOLTAGE						
VLM100W-12 ⁽¹⁾	120 & 277	96	12	0.2	8	12.84
VLM100W-24	120 & 277	96	24	0.2	4	25.68
VLM100W-48	120 & 277	96	48	0.1	2	51.36
VLM100W-12-S ⁽¹⁾	120 & 277	96	12	0.2	8	12.84
VLM100W-24-S	120 & 277	96	24	0.2	4	25.68
VLM100W-48-S	120 & 277	96	48	0.1	2	51.36
220 TO 240 VAC NOMINAL VOLTAGE						
VLM100E-12	220 to 240	96	12	0.2	8	12.84
VLM100E-24	220 to 240	96	24	0.2	4	25.68
VLM100E-48	220 to 240	96	48	0.1	2	51.36
VLM100E-12-T	220 to 240	96	12	0.2	8	12.84
VLM100E-24-T	220 to 240	96	24	0.2	4	25.68
VLM100E-48-T	220 to 240	96	48	0.1	2	51.36

FEATURES

- Very high power density of 24 W/in³
- Class 2 power supply
- UL Class P
- IP20-rated case with silicone-based potting
- 90° C maximum case hot spot temperature
- Lifetime: 50,000 hours min at 70° C case temperature
- Complies with ENERGY STAR®, DLC (DesignLight Consortium®) and CA Title 24 technical requirements
- Worldwide safety approvals



- Additional safety approvals when using the optional strain reliefs for models with "-T" suffix

1. VLM100W-12 is not Class 2 because the over-current protection of this model exceeds the 8A UL Class 2 limit.
 2. Suffix for the different mounting options:
 - 1) No suffix: side leads
 - 2) "-T": Terminal blocks
 - 3) "-S": Bottom lead exit with studs
- For additional options of output current and output voltage, contact your sales representative or send an email to: SaveEnergy@erp-power.com

APPLICATIONS

- Strip lights
- Pendants
- Linears
- Cove Lights



CHINA Operations

tel: +86-756-6266298
No. 8 Pingdong Road 2
Zhuhai, Guangdong, China 519060

www.erp-power.com

SaveEnergy@erp-power.com

USA Headquarters

tel: +1-805-517-1300
893 Patriot Drive, Suite E
Moorpark, CA 93021, USA

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [LED Power Supplies](#) category:

Click to view products by [ERP Power](#) manufacturer:

Other Similar products are found below :

[ESS015W-1000-12](#) [PDA-WIFI](#) [PIFC-K250F](#) [PITB-K222A](#) [ALD-514012PJ134](#) [LB240S24KH](#) [LMH020-SPLC-0000-0000001](#) [79534](#) [79535](#)
[EUG-200S210DT](#) [ESS030W-1050-21](#) [ESS030W-0900-32](#) [BPOXL 4-12-035](#) [ESS010W-0350-24](#) [ESS010W-0200-42](#) [ESM060W-1400-42](#)
[PDA080B-1A0G](#) [ESS010W-0500-12](#) [PDA150B-S1A5G](#) [SLM140W-1.05-130-ZA](#) [ESS015W-0700-18](#) [EUD-150S350DVA](#) [LWA320-C420-](#)
[ARK-B](#) [HVG-240-48AB](#) [HVG-320-36AB](#) [HVG-320-54AB](#) [ELG-240-C1400AB](#) [EUK-150S105DV](#) [BXCS-12Z-N2P-B1-A](#) [BXPR-WN-01-A](#)
[LN1224CV](#) [BXCS-12D-N2P-01-A](#) [BXCS-12W-N2P-01-A](#) [HBG-160-24AB](#) [980100001200394](#) [980060001200376](#) [LC 14W 250-350MA](#)
[FLEXC R ADV2](#) [LC 24W 500-600MA FLEXC R ADV2](#) [LC 36W 850-900MA FLEXC R ADV2](#) [LC 50W 200-350ML 170V FLEXC LP](#)
[SNC4](#) [LC 25W 200-350ML 70V FLEXC LP SNC4](#) [LC 35W 200-350ML 121V FLEXC LP SNC4](#) [LCBI 10W 350MA PHASE-CUT/1-10V LP](#)
[LC 13W 300MA FIXC C SNC](#) [LC 10W 250MA FIXC SC SNC2](#) [LC 35W 800MA FIXC SR ADV2](#) [LC 38W 900MA FIXC SR ADV2](#) [LC](#)
[34W 800MA FIXC SC ADV2](#) [LC 44W 1050MA FIXC SC ADV2](#) [LC 38W 900MA 42V FIXC SRL ADV2](#)