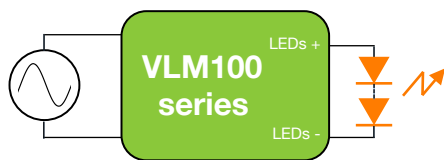
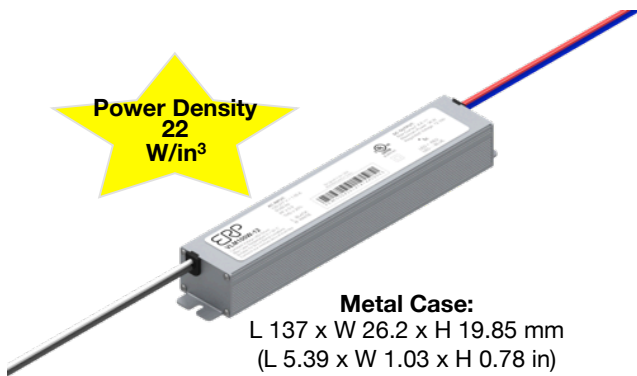


100 W, Very High Density, Constant Voltage LED Drivers

Nominal Input Voltage	Max. Output Power	Nominal Output Voltage	Max. Output Current	Efficiency	Max. Case Temperature	THD	Power Factor
120 to 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



Power Density
22
W/in³



Metal Case:
L 137 x W 26.2 x H 19.85 mm
(L 5.39 x W 1.03 x H 0.78 in)



Wiring Diagram

FEATURES

- Very high power density of 22 W/in³
- Class 2 power supply
- IP20-rated case with silicone-based potting
- Different mounting options: Side Leads, Bottom Leads with Studs, and Terminal Blocks
- 90°C maximum case hot spot temperature
- Complies with ENERGY STAR®, DLC (DesignLight Consortium®) and CA Title 24 technical requirements
- UL Class P
- Worldwide safety approvals

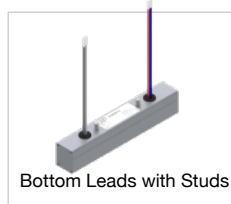


ERP Part Number	Nominal Input Voltage (Vac)	Pout Max (W)	Vout Nom (Vdc)	Iout Min (A)	Iout Max (A)	Open Loop Voltage (No Load Vout Max) (Vdc)
120/277 VAC NOMINAL VOLTAGE						
VLM100W-12 ⁽¹⁾	120/277	96	12	0.2	8	12.84
VLM100W-24	120/277	96	24	0.2	4	25.68
VLM100W-48	120/277	96	48	0.1	2	51.36
VLM100W-12-S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

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" European 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

OTHER MOUNTING OPTIONS



APPLICATIONS

- Strip lights
- Pendants
- Linears
- Cove Lights

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