

60 & 40 W, High Density, 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	60 W	12, 24, 48 Vdc	5, 2.5, 1.25 A	up to 93% typical	90°C (measured at the hot spot)	< 20%	> 0.9

Models with Flying Leads, Aluminum Case:

L 130 x W 19.85 x H 19.85 mm
(L 5.12 x W 0.78 x H 0.78 in)



Models with "-S" Suffix, Bottom Leads with Studs, Aluminum Case:

L 130 x W 19.85 x H 23.85 mm
(L 5.12 x W 0.78 x H 0.94 in)



Models with "-T" Suffix (Terminal Blocks), Aluminum Case:

L 183.2 x W 19.85 x H 19.85 mm
(L 7.12 x W 0.78 x H 0.78 in)



FEATURES

- Very high power density of 20 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



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 INPUT						
VLM40W						
VLM40W-12	120 & 277	40	12	0.1	3.3	12.84
VLM40W-24	120 & 277	40	24	0.05	1.67	25.68
VLM40W-48	120 & 277	40	48	0.025	0.83	51.36
VLM40W-12-S	120 & 277	40	12	0.1	3.3	12.84
VLM40W-24-S	120 & 277	40	24	0.05	1.67	25.68
VLM40W-48-S	120 & 277	40	48	0.025	0.83	51.36
VLM60W						
VLM60W-12	120 & 277	60	12	0.1	5	12.84
VLM60W-24	120 & 277	60	24	0.05	2.5	25.68
VLM60W-48	120 & 277	60	48	0.025	1.25	51.36
VLM60W-12-S	120 & 277	60	12	0.1	5	12.84
VLM60W-24-S	120 & 277	60	24	0.05	2.5	25.68
VLM60W-48-S	120 & 277	60	48	0.025	1.25	51.36
220 to 240 VAC NOMINAL INPUT						
VLM40E						
VLM40E-12	220 to 240	40	12	0.1	3.3	12.84
VLM40E-24	220 to 240	40	24	0.05	1.67	25.68
VLM40E-12-T	220 to 240	40	12	0.1	3.3	12.84
VLM40E-24-T	220 to 240	40	24	0.05	1.67	25.68
VLM40E-48-T	220 to 240	40	48	0.025	0.83	51.36
VLM60E						
VLM60E-12	220 to 240	60	12	0.1	5	12.84
VLM60E-24	220 to 240	60	24	0.05	2.5	25.68
VLM60E-48	220 to 240	60	48	0.025	1.25	51.36
VLM60E-12-T	220 to 240	60	12	0.1	5	12.84
VLM60E-24-T	220 to 240	60	24	0.05	2.5	25.68
VLM60E-48-T	220 to 240	60	48	0.025	1.25	51.36

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



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