

Project name**Type**

LW-ELDR-100~277VAC-CV-24V-288W-IP66-PLG



Features

- Constant voltage design
- Universal input voltage
- Small dimensions, High efficiency, High reliability, Long lifetime
- IP66 design
- Working temperature: -25°C ~ +50°C
- Protection: Over Load / Short Circuit / Over Voltage
- Typical efficiency: 90%
- CE, UL, IP66 certified, RoHS compliant
- 100% full load burn-in test



Specification

Output	DC Voltage	24V
	Rated Current	3 x 4A
	Rated Power	288W
	Voltage Tolerance	±2%
	Voltage Regulation	±0.5%
	Load Regulation	±1%
Input	Voltage Range	90-305VAC
	Frequency Range	47-63Hz
	Power Factor (Typ.) @Full Load	PF ≥0.50 @110VAC PF ≥0.45 @230VAC
	Efficiency (Typ.) @Full Load	90%
	AC Current	6.48A @110VAC 3.45A @230VAC
	Inrush Current (Typ.)	Cold start: 60A @230VAC
	Leakage Current	<0.75mA @240VAC
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over Load	110% - 130% constant current limiting, recovers automatically after the load is reduced
	Over Voltage	24.5V - 35V, recovers automatically after fault condition is removed
	Over Temperature	55°C ~ 65°C, power off the output voltage, self-recovery when the temperature is reduced
Environment	Working Temperature	-25°C ~ +50°C
	Working Humidity	10% ~ 90%RH, non-condensing
	Storage Temperature & Humidity	-25°C ~ +75°C 5% ~ 95%RH
	Temperature Coefficient	±0.05%/°C (0°C ~ 50°C)
	Vibration	10 ~ 300Hz, 1G 10min./1 cycle, period for 60min. each along X, Y, Z axes
Safety & EMC	Safety Standards	UL8750 + UL1815, EN61347-1, EN61347-2-13
	Withstand Voltage	I/P-O/P: 3.75KVAC I/P-FG: 1.875KVAC O/P-FG: 0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100Ω 500VDC 25°C 70%RH
Others	Net Weight	2.7kg
	Dimensions	275 x 117 x 45.5mm 10.83 x 4.61 x 1.79in (L x W x H)

All parameters if NOT specified otherwise are measured at 230VAC input, rated load and 25°C ambient temperature. To extend the driver's using life, please reduce the loading at lower input voltage.

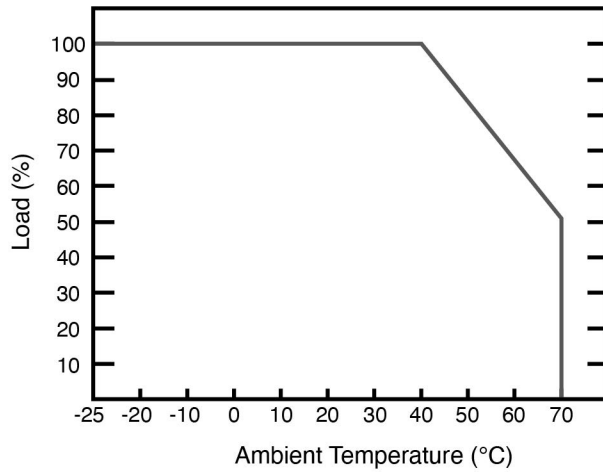
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Derating Curve



To extend their life, please refer to the Derating Curve and derate according to the temperature

Dimensions

