

200W Single Output Waterproof Switching Power Supply LDV-200 series

Features:

High efficiency, High reliability, Low cost

Protections: Short circuit/Over load/Over voltage/High temperature

Waterproof grade: IP67

Working Frequency: 65 KHz

Suitable for LED lightening and moving sign applications.

2 years warranty

SPECIFICATION				
OUTPUT				
Model	LDV-200-5	LDV-200-12	LDV-200-24	LDV-200-36
DC Voltage	5V	12V	24V	36V
Rated Current	30A	16.5A	8.3A	5.5A
Current Range	0-30A	0-16.5A	0-8.3A	0-5.5A
Rated Power	150W	198W	199W	198W
Ripple & Noise	150mVp-p	150mVp-p	200mVp-p	200mVp-p
Voltage Tolerance	±1%	±1%	±1%	±1%
Inlet Stability	±0.5%	±0.5%	±0.5%	±0.5%
Load Stability	±0.5%	±0.5%	±0.5%	±0.5%
Setup, Rise, Hold Up Time	200ms,20ms,30ms/230VAC			
INPUT				
Voltage Range	180~264 VAC 47~63Hz; 255~373VDC			
AC Current	1.5A/230VAC			
Efficiency	82%	82%	84%	85%
Inrush Current	Cold-start current 40A/230VAC			
PROTECTION				
Over Load	105%~135%			
	Protection: Hiccup mode, recovers automatically after fault condition is removed			
Over Voltage	15~17V	30~32V	42~44V	
	Protection: Hiccup mode, recovers automatically after fault condition is removed			
High Tem.	≥85°C			
	Protection: cut off the output, recovers automatically after fault			

	condition is removed
ENVIRONMENT	
Working Temp., Humidity	-10°C~+60°C, 20%~90%RH
Storage Temp., Humidity	-20°C~+85°C, 10%~95%RH
Temp. Coefficient	±0.03%/°C (0-50°C)
Vibration	10-500Hz, 2G 10min, /1cycle, Period for 60min, Each axes
SAFETY	
Withstand Voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC
STANDARD	
Safety Standard	EN61347-1 EN61347-2-13 IP67
EMC Standard	EN55015 EN61547 EN61000-3.4 CLASSB
OTHERS	
Dimension	230*125*55 (L*W*H)
Weight	2.42Kg
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.</p> <p>3. Tolerance: includes set up tolerance, line regulation and load regulation.</p>



■ 机构尺寸 单位:mm



引出线分配表

输入端 (黑色三芯)		输出端 (白色二芯)	
棕色	AC/L	红色	DC OUTPUT+V
蓝色	AC/N	黑色	DC OUTPUT-V
黄绿	FG		