

## 60W Waterproof LED Power Supply for LED Strips Constant Voltage

### Specification

- 1.CE ROHS IP67 certificate.
- 2.High efficiency,save energy,friendly environment;High stability and low ripple
- 3.Integrity protection,over-loading,over-voltage ,over-current,and short circuit to keep the safety of power supply product and LED lamps
- 4.LED switching power supply using pulse width modulation(PWM) switching technology designed to ensure power supply stability and high efficiency.
- 5.The constant voltage output guarantees power source's stability,better LED lighting effects and a longer life
6. IP67 design for indoor or outdoor installations,Cooling by free air convection

60W Waterproof Led Power supply				
Model		YJV-60-12	YJV-60-24	YJV-60-36
Output	Dc output voltage	12V	24V	36V
	Output voltage tolerance	±3%	±3%	±3%
	Rated output current	5A	2.5A	1.7A
	Output current range	0~5A	0~2.5A	0~1.7A
	Output power	60W	60W	61W
	Ripple and the noise	100mVp-p	150mVp-p	180mVp-p
	Dc voltage adjustable scope	±10%	±10%	±10%
	Start, rise, keep time	500ms, 20ms, 24ms/230VAC. 800ms, 30ms, 20ms/115VAC		
Input	Input voltage range	90~264VAC 47~63Hz, 126~373VDC		
	Exchange input current	1. 4A/115VAC 0. 7A/230VAC		
	efficiency	82%	84%	85%
	Impulse current	Cold start current 35A/230VAC		
	Leakage current	<1mA/240VAC		
Protection	Short Circuit	Protection type:recovers automatically after fault conditions is removed		
	Overload	Overload protection@145~160%above peak rating		
	Over Temperature	protection typer:shut down o/p voltage.re-power on to recover		
Environment	Working temperature, humidity	-10C ~ +60C;20% ~ 90%RH(Please refer to reduce the specified number load curve )		
	Keep temperature	-20C ~ +85C;10% ~ 95%RH No condensation		

	humidity	
	Vibrate resistance	10~500Hz, 2G 10min./ 1 cycle time, 60 minutes, the axis
Security With stand Voltage	Compression sex	Between input and output:1.5KVAC
	Insulation resistance	Between input and output:100M Ohms/500VDC
Security	Safety standards	CE Mark(LVD),IP67
	EMC standard	EN 55015:2006; EN 61547:1995+A1:2000 ;EN 61000-3-2:2006; EN61000-3-2:1995+A2:2005 EN 61347-1:2008 EN 61347-2-13:2006
Connect the line request	Input:H03VV-F 3G*0.75mm Brown&blue&kelly VDE(200mm) Output:H03VV-F 2*0.75mm Black & Red VDE(300mm*2)	
Other	Weight/Size	0.55kg/ 150*50*30(L*W*H)
	packaging	Inner carton package, 20pcs cartaon box in a big outer carton box(20pcs/Box)
Note	<p>1.All the parameters in has not specified, all is in 230 VAC voltage input, rated load and 25C conditions measuring income value.</p> <p>2.Ripple and noise voltage is in 20 MHz bandwidth oscilloscope with 1 to 2 inches twisted pair end with 0.1 mu and 47 u when capacitance measurement.</p> <p>3.Tolerance is voltage setting error, the voltage adjustment rate and adjust the sum total of the current rate.</p>	

Use areas:Suitable for LED electronic display screen, LED street lights, LED tunnel lights, LED bridge lights, LED panel lights, LED Spot Light, LED Flood Light,LED Garden Light, LED Industrial Mine Light, LED Wall Light, LED Ceiling Light, SMD Guardrail Tube, LED Bulb, LED Strips, LED Track Light, LED High Bay Light, LED Underground Light, LED Tunnel Light, LED the soft light bar, signboard lamp, wall lamp outdoor lamps and lanterns wash products, moving sign application, etc.

The power of waterproof Power Supply available are in the table bellow: