

# 60W Waterproof LED Power Supply



## Features:

- IP67 design for indoor or outdoor installations
- Protections: Short circuit/Overload/Over temperature
- Cooling by free air convection
- 100% full load burn-in test
- Suitable for LED lighting
- Products through UL, CE, RoHS Certification
- 2 years warranty

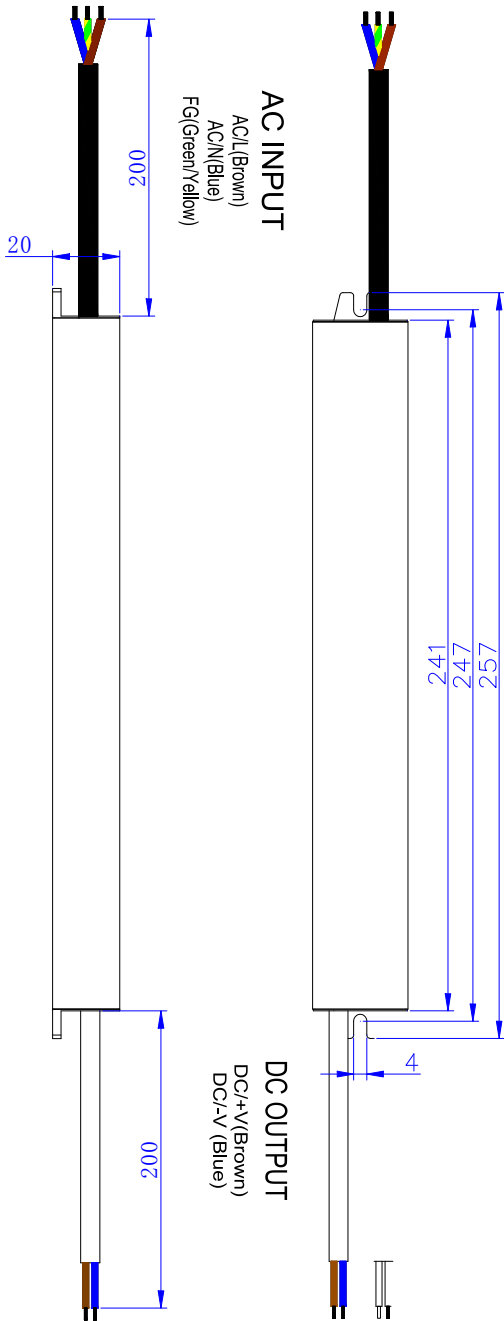
CE UL SELV RoHS IP67

## SPECIFICATION

MODEL	SMT-012-060VW	SMT-024-060VW	SMT-036-060VW	
OUTPUT	DC VOLTAGE	12V	24V	36V
	RATED CURRENT	5.0A	2.5A	1.66A
	CURRENT RANGE	0~5.0A	0~2.5A	0~1.66A
	RATED POWER	60W	60W	60W
	RIPPLE&NOISE(max)	1.2V	1.2V	1.2V
	voltage TOLERANCE	12V±5%	24V±5%	36V±5%
	SETUP RISE TIME	80ms/110,220VAC	80ms/110,220VAC	80ms/110,220VAC
	HOLD UP TIME(Typ.)	60ms/110,220VAC	60ms/110,220VAC	60ms/110,220VAC
INPUT	VOLTAGE RANGE	90~135/170~265Vac	90~135/170~265Vac	90~135/170~265Vac
	FREQUENCY RANGE	50~60Hz	50~60Hz	50~60Hz
	POWER FACTOR(Typ.)			
	EFFICIENCY(Typ.)	> 84%	> 84%	> 84%
	AC CURRENT(Typ.)	0.5A/110V,220VAC	0.5A/110V,220VAC	0.5A/110V,220VAC
	INRUSH CURRENT (Typ.)	COLD START 30A/110,220VAC		
PROTECTION	Short circuit	Protection type:recovers automatically after condition is removed		
	Overload	overload protected@145-160% above peak rating		
	Over temperature	Protection type:Shut down o/p voltage,re-power on to removed		
ENVIRONMENT	WORKING TEMP.	-30~ +50°C (Refer to output load derating curve)		
	WORKING HUMIDITY	20~99% RH non-condensing(Waterproof)		
	STORAGE TEMP.,HUMIDITY	-40~ +80°C,10~99%RH		
SAFETY&EMC	SAFETY STANDARDS	UL, CE Mark(LVD),IP67		
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC IP-GND:1.5KVAC		
	EMC Test Standards	EN55015:2006;EN61547:1995+2000;EN61000-3-2:2006 EN61000-3-3:1995+A2:2005;EN61346-1:2001;EN61347-2-13:2006		
NOTE	1.All parameters NOT specially mentoned are measured at 110VAC, 220VAC input,rated load and 25°C of ambient temperature. 2.Ripple&noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf&10uf parallel capacitor. 3.Tolerance:includes set up tolerance,line regulation and load regulation.			

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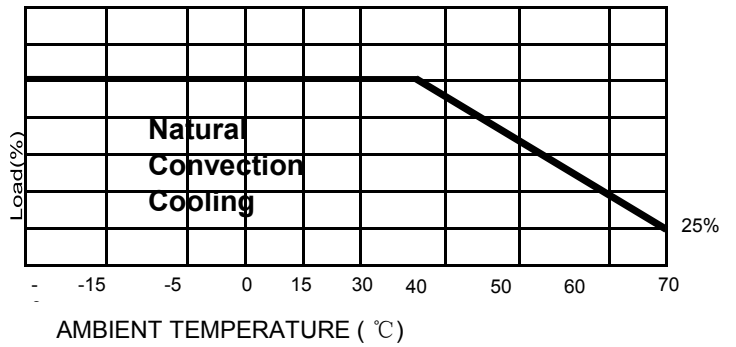
## Mechanical Specification



## Others

DIMENSION	257×29×20mm(L×W×H)
CARTON QUANTITY	50pcs/carton
CARTON SIZE	324×298×188mm
WEIGHT	287g/pcs

## Derating Curve



Cable Model of input : H03VV-F 3G0.75mm<sup>2</sup>  
 Cable Model of output: H03VV-F 2\*0.75mm<sup>2</sup>(black, Red)