

# 24W 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
- 24 Months warranty

**UL CE ROHS SELV IP67**

## SPECIFICATION

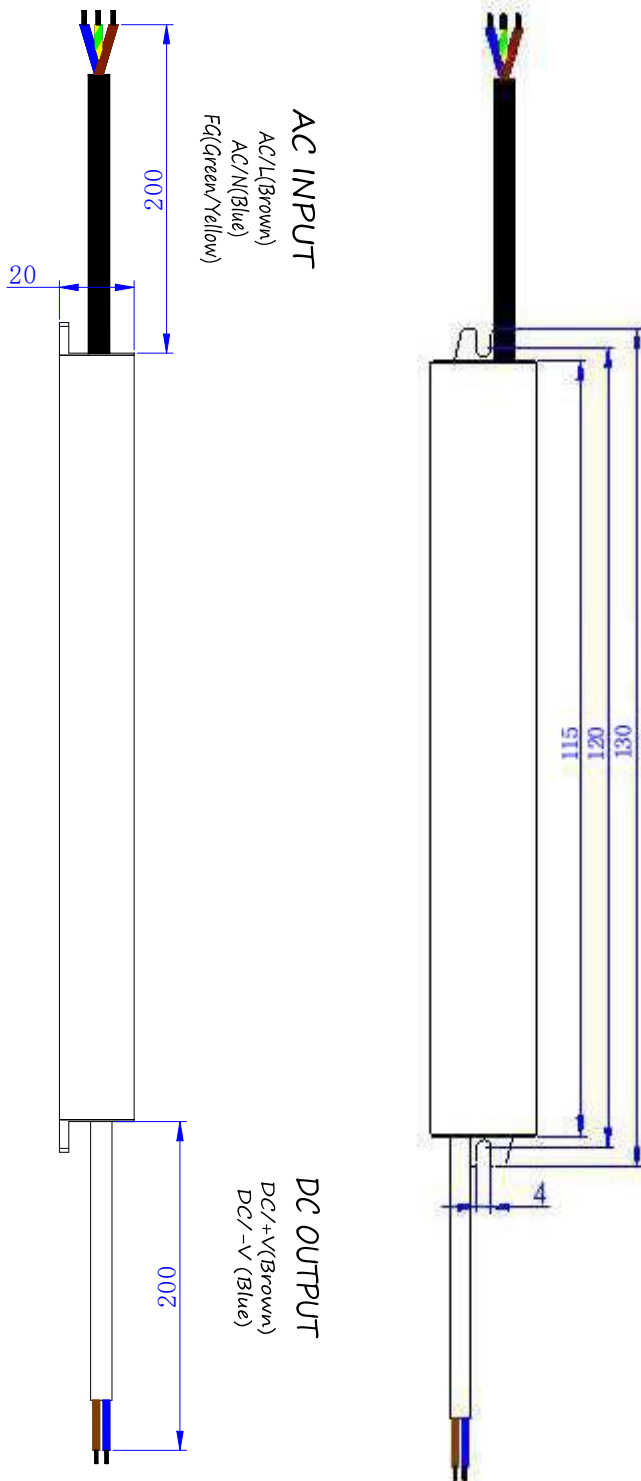
MODEL		SMT-012-026WW	SMT-024-026VW	SMT-036-026VW	
OUTPUT	DC VOLTAGE	12V	24V	36V	
	RATED CURRENT	2.0Amp	1.0Amp	0.66Amp	
	CURRENT RANGE				
	RATED POWER	24W	24W	24W	
	RIPPLE&NOISE(max)	150mV	150mV	150mV	
	CURRENT TOLERANCE	±0.5V	±0.5V	±0.5V	
	SETUP RISE TIME	80ms/110,220VAC	81ms/110,220VAC	82ms/110,220VAC	
	HOLD UP TIME(Typ.)	60ms/220VAC	60ms/220VAC	60ms/220VAC	
INPUT	VOLTAGE RANGE	100~265VAC			
	FREQUENCY RANGE	50~60Hz			
	POWER FACTOR(Typ.)				
	EFFICIENCY(Typ.)	>83%	>83%	>83%	
	AC CURRENT(Typ.)	3.5A/110,220VAC	2.0A/110,220VAC	1.5A/110,220VAC	
	INRUSH CURRENT (Typ.)	COLD START 50A/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/ROHS/CE Mark(EMC,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 110V,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.				

Quanzhou Smarts Electronic & Technology Co.,Ltd

No.6 Building Fulong Park Huqiao Luchen,Quanzhou,Fujian,China

Tel.:+86 (595) 2725 6889 | Fax:+86 (595) 2246 5526 | E-mail: steven@smartselectronic.com.cn

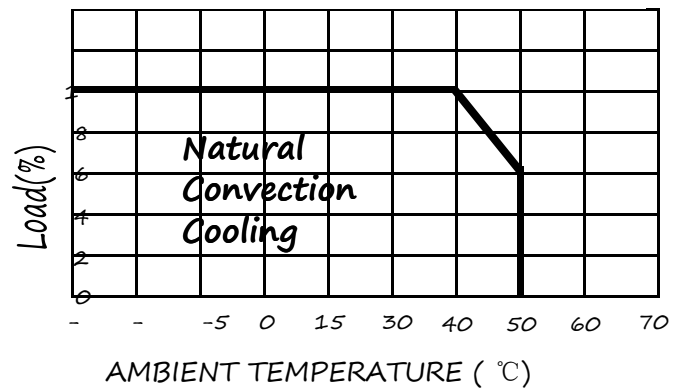
### Mechanical Specification



### Others

DIMENSION	130×29×20mm(L×W×H)
CARTON QUANTITY	50pcs/carton
CARTON SIZE	229×224×176mm
WEIGHT	200Kg/pcs

### Derating Curve



Cable Model of input : VDE H03VV-F 3G0.75mm<sup>2</sup>  
 Cable Model of output: VDE H03VV-F 2\*0.75mm<sup>2</sup>(brown,blue)  
 controller cable:VDE H03VV-F 2\*0.75mm<sup>2</sup>(red,black)