

# 18W 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 ETL, CE, RoHS Certification
- 24 Months warranty

ETL CE ROHS SELV IP67

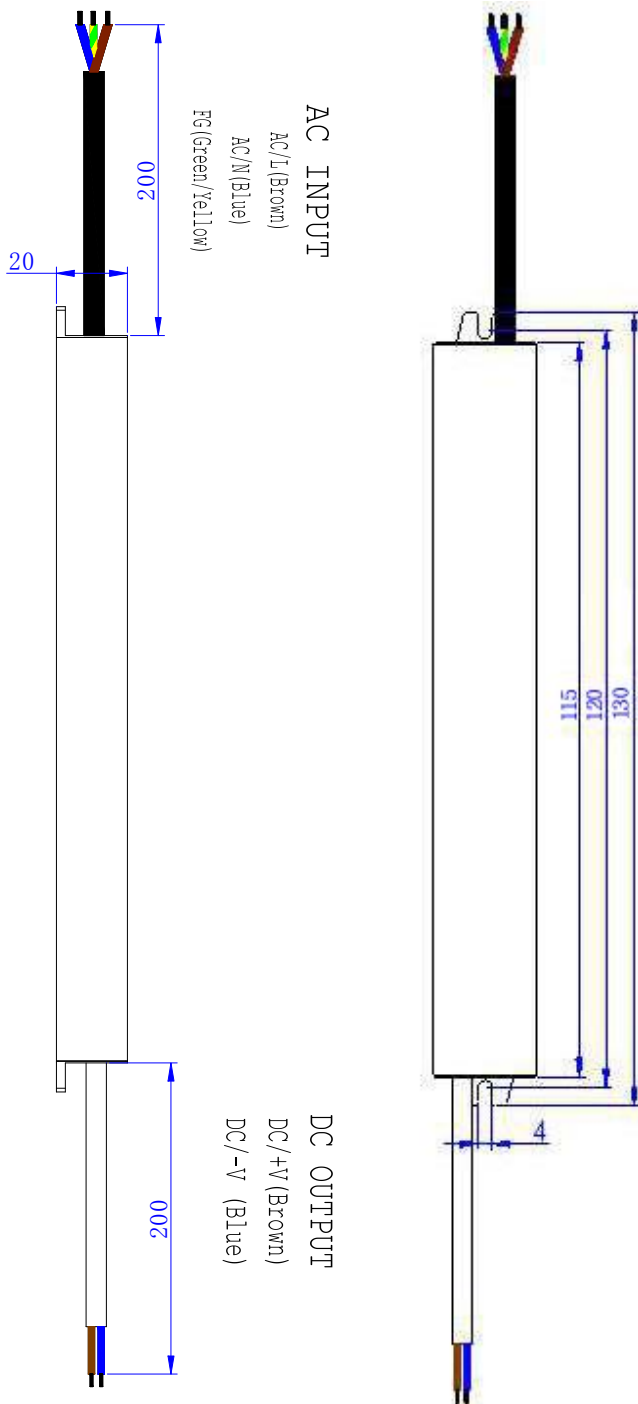
## SPECIFICATION

MODEL		SMT-012-018VW	SMT-024-018VW		
OUTPUT	DC VOLTAGE	12V	24V		
	RATED CURRENT	1.66Amp	0.83Amp		
	CURRENT RANGE	0~1.50A	0~0.75A		
	RATED POWER	18W	18W		
	RIPPLE&NOISE (max)	150mV	150mV		
	CURRENT TOLERANCE	±0.5V	±0.5V		
	SETUP RISE TIME	80ms/110, 220VAC	81ms/110, 220VAC		
	HOLD UP TIME (Typ.)	60ms/110-220VAC	60ms/110-220VAC		
INPUT	VOLTAGE RANGE	100~265VAC			
	FREQUENCY RANGE	50~60Hz			
	POWER FACTOR (Typ.)				
	EFFICIENCY (Typ.)	>82%	>82%		
	AC CURRENT (Typ.)	3.5A/110, 220VAC	2.0A/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	ETL/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 paralle capacitor.				
	3. Tolerance: includes set up tolerance, line regulation and load regulation.				

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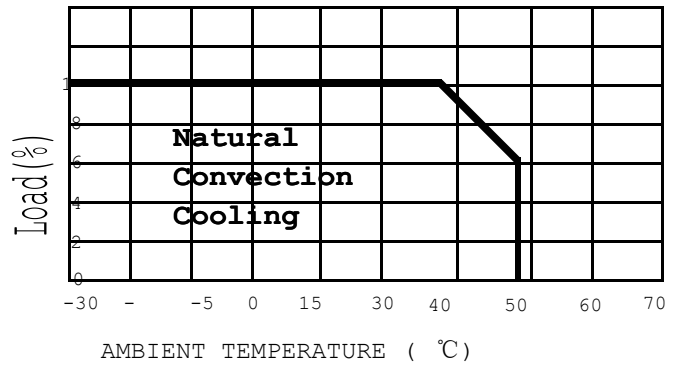
## Mechanical Specification



## Others

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

## Derating Curve



1

Cable Model of input : 03VV-F 3G0.75mm<sup>2</sup>

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