

12W LED Power Supply

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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 CE, ETL RoHS Certification
- 2 years warranty

CE ETL ROHS SELV IP67

SPECIFICATION

MODEL		SMT-012-012VW	SMT-024-012VW
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	1A	0.5A
	CURRENT RANGE	0~1A	0~0.5A
	RATED POWER	12W	12W
	RIPPLE&NOISE(max)	<700mV	<400mV
	VOLTAGE TOLERANCE	±0.5V	±0.5V
INPUT	VOLTAGE RANGE	90~265VAC	
	FREQUENCY RANGE	47~63Hz	
	EFFICIENCY(Typ.)	>81%	
	AC CURRENT(Typ.)	0.20A @110VAC / 0.099A@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.	-20~+50°C (Refer to output load derating curve)	
	INGRESS PROTECTION	IP67 design for indoor or outdoor installations	
	STORAGE TEMP	-40~+80°C	
SAFETY&EMC	SAFETY STANDARDS	EN61347-1;EN61347-2-13;SELV;IP67 ETL, CE, ROHS approved	
	WITHSTAND VOLTAGE	I/P-O/P:2KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC	
	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 mentioned 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&47uf parallel capacitor. 3.Tolerance:includes set up tolerance,line regulation and load regulation.		

Supirit Inc.

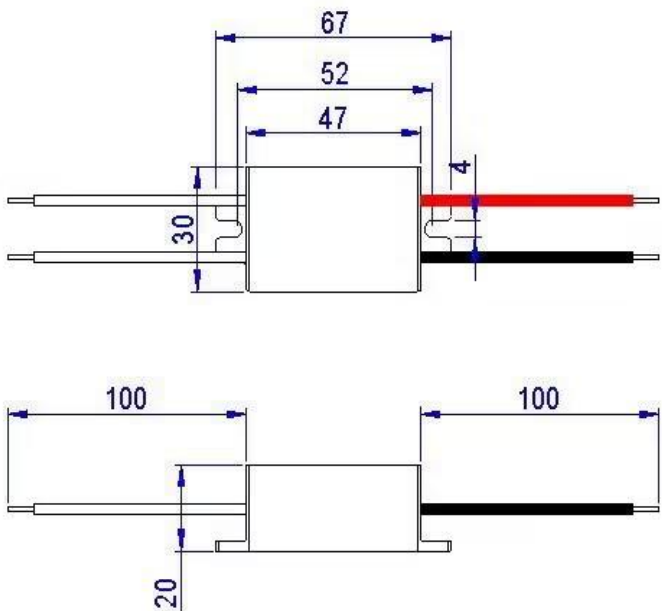
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Mechanical Specification

AC INPUT

AC/L(White)
AC/N(White)



DC OUTPUT

DC/+V(Red)
DC/-V (Black)

Others

DIMENSION	67×30×20mm(L×W×H)
CARTON QUANTITY	100pcs/carton
CARTON SIZE	418×310×179mm
WEIGHT	0.06Kg/pcs

Derating Curve

