

60W Waterproof 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 UL, CE, RoHS Certification
- 3 years warranty

CE ETL 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	100~265Vac	100~265Vac	100~265Vac	
	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	ETL 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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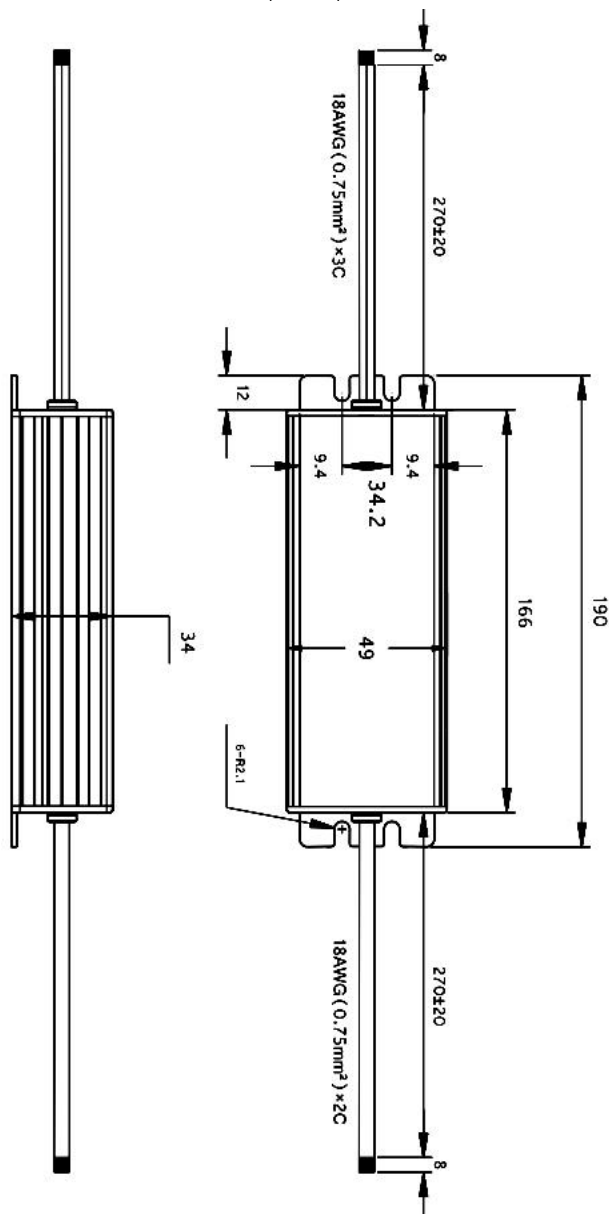
Mechanical Specification

AC INPUT

AC/L(White)

AC/N(Black)

FG(Green)



DC OUTPUT

DC/+V(Brown)

DC/-V (Blue)

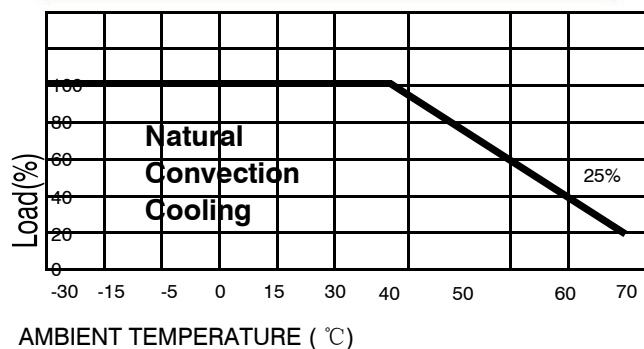
Cable Model of input : 3*0.824mm² / H03VV-F 3G0.824mm²

Cable Model of output: 2*0.824mm² / H03VV-F 2*0.824mm²(black, red)

Others

DIMENSION	190*48*34mm (L×W×H)
CARTON QUANTITY	30pcs/carton
CARTON SIZE	324×298×188mm
WEIGHT	550g/pcs

Derating Curve



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