



Features:

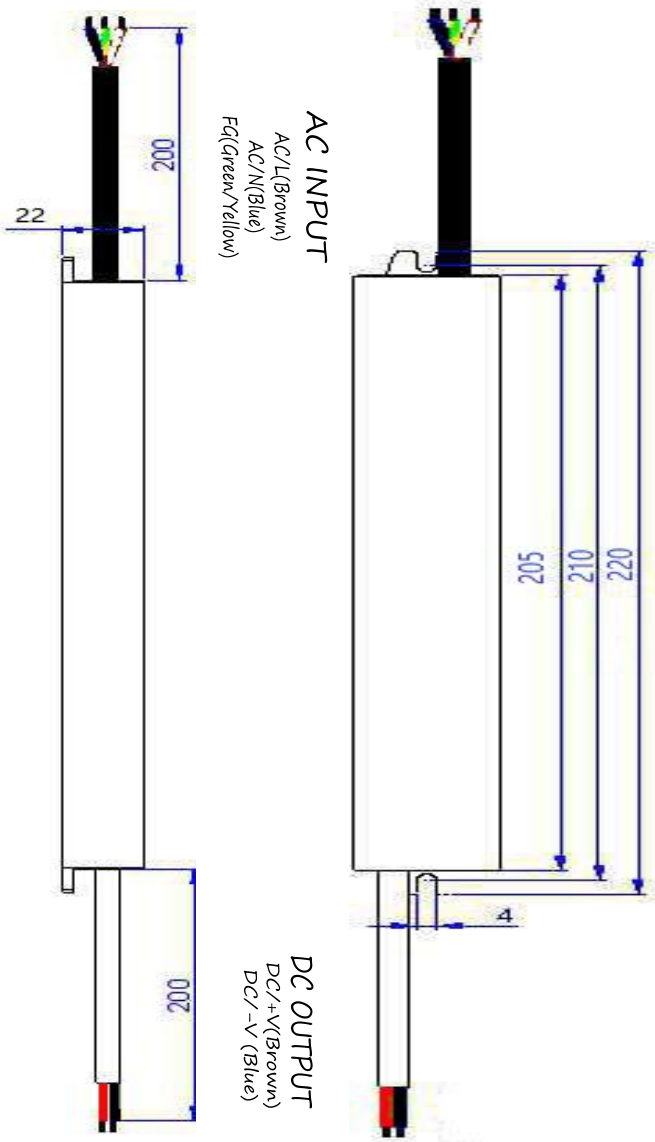
- IP67 design for indoor or outdoor installations
- Protections: Short circuit/Overload/Over temperature
- Cooling by free air convection
- 100% full load burn-in test
- Suitable for LED lighting
- Products through ETL, CE, RoHS Certification
- 2 years warranty

CE ETL/cETL SELV RoHS IP67

SPECIFICATION

MODEL		SMT-012-048VW	SMT-024-048VW		
OUTPUT	DC VOLTAGE	12V	24V		
	RATED CURRENT	4.0A	2.0A		
	CURRENT RANGE	0~4.0A	0~2.0A		
	RATED POWER	48W	48W		
	RIPPLE&NOISE(max)	120mVp-p	200mVp-p		
	voltage TOLERANCE	12V±5%	24V±5%		
	SETUP RISE TIME	60ms/110VAC	60ms/110VAC		
	HOLD UP TIME(Typ.)	20ms/230VAC	10ms/110VAC		
INPUT	VOLTAGE RANGE	100~265Vac	100~265Vac		
	FREQUENCY RANGE	50~60Hz	50~60Hz		
	POWER FACTOR(Typ.)				
	EFFICIENCY(Typ.)	> 83%	> 84%		
	AC CURRENT(Typ.)	0.45A/110V, 0.25A/220V	0.45A/110V, 0.25A/220V		
INRUSH CURRENT (Typ.)	COLD START 30A/110~220VAC				
PROTECTION	Short circuit	Protection type:recovers automatically after condition is removed			
	Overload	overload protected@110%~150% above peak rating			
	Over temperature	Protection type:Shut down o/p voltage,re-power on to removed			
ENVIRONMENT	WORKING TEMP.	-25~+50°C (Refer to output load derating curve)			
	WORKING HUMIDITY	20~90% RH non condensing, refer to IP67			
	Vibration	10~500Hz , 2G 10min/1cycle,period for 60min,each along X,Y,Z axes			
	STORAGE TEMP.,HUMIDITY	-40~+80°C,10~99%RH			
SAFETY&EMC	SAFETY STANDARDS	IP67 approved; Design refer to LVD EN61347-2-13:2005,EN61347-1:2008			
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-COVER: 3KVAC , O/P-COVER:500VAC			
	EMC Test Standards	EN55015:2006/A2:2009,EN61000-3-2:2006/A2:2009,EN61000-3-3:20			
	MTBF	50KHours (25°C)			
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.				

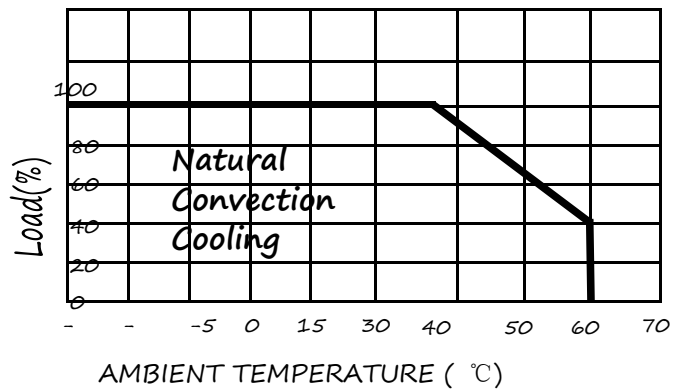
Mechanical Specification



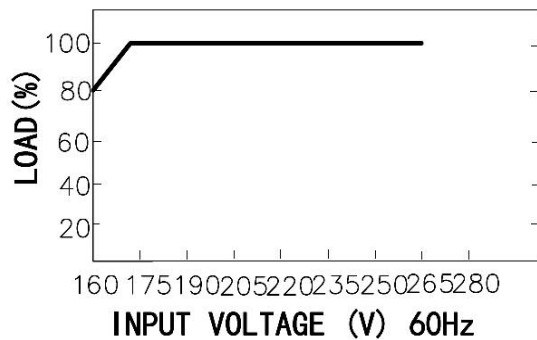
Others

DIMENSION	220*40*22mm(L*W*H)
CARTON QUANTITY	50pcs/carton
CARTON SIZE	324×298×188mm
WEIGHT	305g/pcs

Derating Curve



Static Characteristics



Cable Model of input : H03VV-F 3G0.824mm² (Black, white, green)

Cable Model of output: H03VV-F 2*0.824mm²(Red, Black)

H03VV-F 3G0.75mm² (Brown, blue, Yellow/green)

H03VV-F 3G0.75mm² (Red, black)

Static Characteristics

