

**Partnumber: SS60-12VF-DC**

**·DESCRIPTION**

High Cost Performance, Products meet the SELV standard. The circuit design has open circuit, short circuit, overload and over temperature protection. Comply with low standby power consumption standard according to ERP instruction. Lifetime is over 50,000hrs.

Mounted with 2 meter CEE 7/16 "Europlug" as input cable and 2 meter DC2.1 as output cable


**·Input**

Items	Conditions	Request	Note
Rated Input voltage	Ta	AC220-240V	--
Input frequency		50/60Hz	--
Input current		<0.35A	--
Input power	25°C, rated input voltage, output with max. rated power	<69W	--
Efficiency		≥87%	--
Standby	25°C, rated input voltage, output without load	<0.5W	Average
Inrush current	25°C, rated input voltage	<30A	230V/50HZ
THD	25°C, rated input voltage, output with max. rated power	<10%	230V/50HZ
PF	25°C, rated input voltage, output max. rated power	≥0.98	230V/50HZ

**·Temperate and others**

Item	Conditions	Request	Note
Operation temp.	--	-20-45°C	--
Relative humidity	--	10%-90%	--
Max. case temp.	--	90°C	--
Lifetime	Max.Ta,rated input voltage,output with max.rated power	30,000hr	--
MTBF	Max.Ta,rated input voltage,output with max.rated power	200,000hr	
Working noise	25°C, rated input voltage, output with rated power, mute box background noise<35dB, pickup 10cm distance from products	Yes	--

**·Protection**

Items	Conditions	Request	Note
Open circuit	Ta, rated input voltage, no load	yes	--
Over load	Ta, 0.94-1.06 times of input voltage, 1.3 times of rated power	yes	--
Short circuit	Ta, 0.94-1.06 times of input voltage	yes	--
Over temperature	Ta, 0.94-1.06 times of input voltage, temperature detected point more than 115 degree	yes	--
Over voltage	Ta, 0.94-1.06 times of input voltage, output voltage is 1.5 times of rated one	yes	--
Auto recovery	Over heat, over load, short circuit recovation	yes	--
Latch off	Over heat, over voltage, over load, short circuit re-start after cut off	--	--

**·Output**

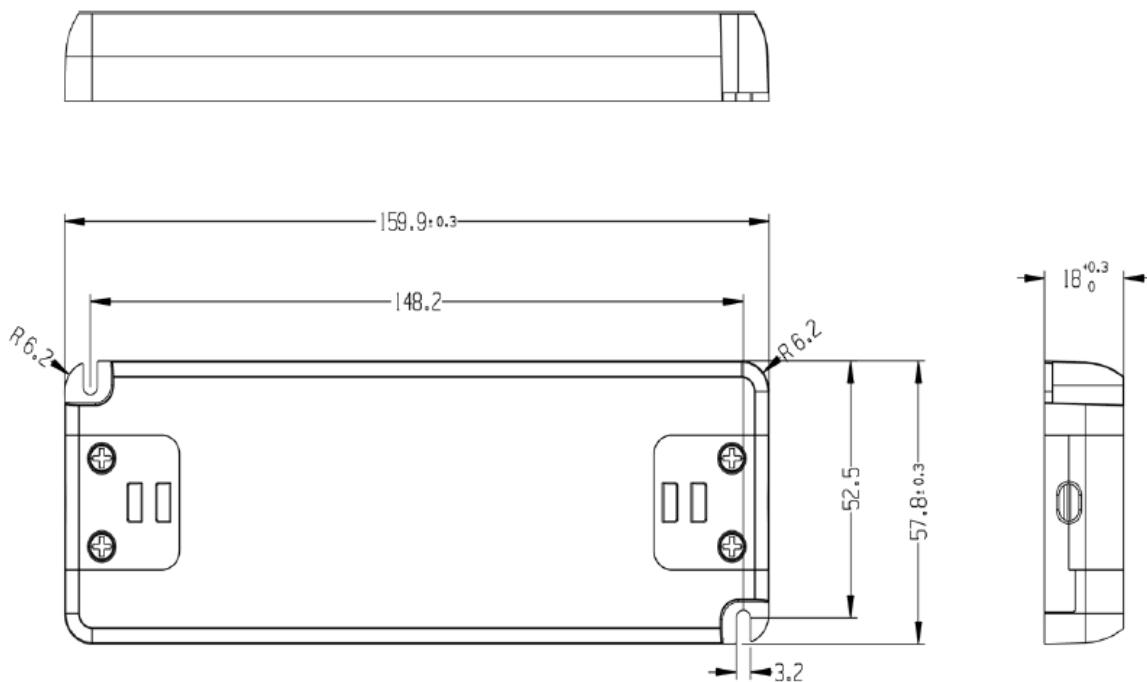
Items	Conditions	Request	Note
Startup time	25°C, rated input voltage, output with max. rated power	<0.5S	--
Output voltage and precision	Ta, rated input voltage, output with rated power	12V±5%	--
Output current range	Ta, rated input voltage	0-5.0A	
Output voltage wave	25°C, rated input voltage, output with max. rated power	<3%	Vp-p
Output overload	25°C, rated input voltage, output with 2 times LED load		--
Output current and precision	Ta, rated input voltage, output with rated power	--	--
Rated output voltage range	Ta, rated input voltage	--	--
Output current wave	25°C, rated input voltage, output with max. rated power	--	Ip-p
Dimming mode	--	--	--
Dimming range	--	--	--

**·Mechanical, mounting**

Items	Conditions
Case material and size	Plastic case
Mounting ways	Independent
Insulation type	Class II
IP grade	IP20
Input cables dimension	H03VVH2-F 2x0.75mm <sup>2</sup>
Output cables dimension	H03VVH2-F 2x0.75mm <sup>2</sup>
Output cables length	2Meters Max.

**·Standard**

Items	Conditions
Safety	IEC61347-1、IEC61347-2-13
Harmonic	EN61000-3-2 Class C
EMI	IEC55015
EMS	EN61000-4-2、3、4、5、6 EN61547

**Dimensions:**

**Wiring Diagram:**
