

CUSTOMER PART NO: **PSU SWMMC 15V 23.2A**

MODEL NUMBER : M150232P350



DESCRIPTION: AC/DC Switch Power

AC/DC Switch Power Specifications

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1、 (Description):

15V 23.2A

The purpose of the document is to specify the functional requirements of a **350W** AC/DC Switch Power.

2、 (INPUT CHARACTERISTICS):

2.1(Input Voltage):

(Nominal Voltage): **85-130V/170-265Vac (开关转换)**

2.2 (Input Frequency) :

(Nominal Frequency) : **47-63Hz**

2.3(Input Current):

2.2Arms max At any input voltage and rated, DC output rated load.

2.4(Inrush Current):

25A。

25Amps Max. Cold start at 240Vac input, with rated load and 25°C ambient.

2.5 AC (Ac Leakage Current):

240Vac 时, 0.25mA。

0. 25mA Max At 240Vac input.

3、 (OUTPUT CHARACTERISTICS):

3.1 (Power Output);

<u>Voltage</u>	<u>Min. Load</u>	<u>Max. Load</u>	<u>Peak</u>	<u>Output Power</u>
DC15V	0A	23.2A	27.84A	350W

3.2 (Combined Load/Line Regulation):

<u>Voltage</u>	<u>Min. Voltage</u>	<u>Max. Voltage</u>	<u>Line Regulation</u>	<u>Load Regulation</u>
+15.0Vdc	14.25V	15.75V	±5%	±5%

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3.3 (Ripple And Noise) :

20MHz 47Uf 0.1uF

The ripple and noise are as follows when measure with Max. Bandwidth of 20MHz and Parallel 47uF/0.1uF,crossed connected at testing point.

Voltage	Ripple And Noise(Max.)
+15.0Vdc	150mVp-p

3.4 (Turn On Delay Time):

115Vac

2 second Max. At 115Vac input and output Max. Load.

3.5 (Rise Time):

115Vac 40mS Max. At 115Vac input and output Max. Load.

3.6 (Hold Up Time):

115V 5mS。

5mS Min. At 115Vac input and output Max. Load.

3.7(Efficiency):

100Vac, >80%。

>80%.At 100Vac input and output Max. Load.

220Vac, >83%。

>83%.At 220Vac input and output Max. Load.

3.8(Overshoot):

15%。

15% Max. When power supply at turn on or turn off.

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4、(PROTECTION REQUIREMENT):

4.1:

Short Circuit Protection:

The power supply will be auto recovered when short circuit faults remove.

4.2 (Over Voltage Protection)

The power supply will not be auto recovered when faults remove.

5、(ENVIRONMENTAL REQUIREMET):

5.1(Operating Temperature):

0°C ~ -40°C,(Full load Normal operation)。

0°C to 40°C, Full load Normal operation.

5.2(Storage Temperature):-20°C to 75°C,(With package).

5.3(Relative Humidity):

5%(0°C) ~ 90%(40°C)

5%(0°C) ~ 90%(40°C)

5.4(Vibration):

1、 Operating: IEC 721-3-3 3M3

5~9Hz, A=1.5mm (9~200Hz, Acceleration 5m/s²)

2、 (Transportation): IEC 721-3-2 2M2

5-9Hz, A=3.5mm

9~200Hz, Acceleration=5m/S²

200~500HZ, Acceleration=15m/S²

3、 (Axes, 10 cycles per axis) .

No permanent damage may occur during testing.

The product has to restore its original situation after power off/on.

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6、EMC (SAFETY AND EMC REQUIREMENT) :

7、(MECHANICAL REQUIREMENT):

7.1(Enclosure):

The power supply size : 198*98*42mm
 : 400g Weight: 400g

Neutral packaging is white box packaging (color box, standard and large quantity can be customized according to customer requirements)

15V 23.2A 350W IP20



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Material: Aluminum

105

Endure heat above 105°C

0.2-0.3mm

Thickness: 0.2-0.3mm

3*RI ± 0.1mm

3*RI ± 0.1mm

2.5mm

Angle 2.5mm