IPC - FLEX

FEATURE

Full Range AC input design Build in Active PFC circuit Meet SFX 12V 2.0 Meet the harmonic with the EN61000-3-2 Meet IEC 60601-1 and EMI EN55011 regulation

FSP-MP Series (180W)





INPUT SPECIFICATION

Input Voltage	90 ~ 265 Vac
Input Frequency	47 ~ 63 Hz
Input Current	6.0A max at 115V
	3.0A max at 230V
Inrush Current	50 A peak at 115V
	80A peak at 230V
Earth leakage current	Not exceed 0.5mA at 264Vac, 63Hz

OUTPUT SPECIFICATION

See Product Series List
+3.3V, +5V, +12V, +5VSB: ±5%
-12V: ±10%
+3.3V, +5V, +5VSB: 50mVp-p
+12V, -12V: 120mVp-p
+3.3V output: +3.7V ~ +4.5V
+5V output: +5.7V ~ +6.5V
+12V output: +13.3V ~ + 15.6V
Output short circuit is defined to be a short circuit load of less than 0.1 ohm.
Min. 17mS at 115V/60Hz and 230V/50Hz

ENVIROMENTAL

Operating Temperature Storage Temperature Operating Humidity Storage Humidity	0°C~50°C -20°C~80°C 85% RH, Non-condensing 95% RH, Non-condensing
MTBF	Min. 100,000 hours at Max. load and 25°C ambient predicted by MIL-HDBK-217
EMC & Safety Safety Standard	IEC 60601-1
Emission	EN55011 and FCC Part 18 Subpart C

This content is subject to change, please refer to Specification for more detail. FSP reserve the right to change the content without prior noitce.

IPC - FLEX

FSP-MP Series (180W)

PRODUCT SERIES LIST

	Total Output Watt.	Output Current											
Model Name		+3.3V		+{	+5V +12'		2V1	V1 -12V		+5VSB			
		Min(A)	Max(A)	Min(A)	Max(A)	Min(A)	Max(A)	Min(A)	Max(A)	Min(A)	Max(A) Min(A) Max(A) Min(A)	Max(A)
FSP180-50MP	180W	0.3	16.8	0.5	12.0	1.5	12.0	0.0	0.8	0.0	2.0		

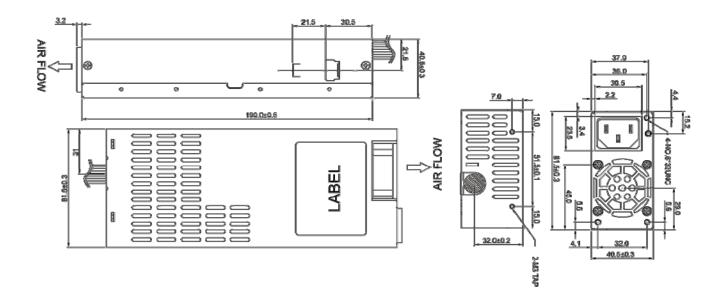
Note:

-12V, +3.3V, +5V, +12V will have the regulation to \pm 10% when all load take off.

The +3.3V and +5V total output shall not exceed 61watts. The +3.3V, +5V and +12V total output shall not exceed 161watts and the total output for this subject power supply is 180watts.

Mechanical Drawing

Dimension 190.0(L) x 81.5(W) x 40.5(H) mm



This content is subject to change, please refer to Specification for more detail. FSP reserve the right to change the content without prior noitce.