

1U

FSP-1UJ Series (300~350W)

FEATURE

- Meet 80 Plus BRONZE
- Build in Active PFC Function
- High Efficiency
- Low Ripple & Noise
- With OVP, OCP and SCP Protection



BRONZE



SAFETY STANDARD APPROVAL

CB CE FCC
TUV_B UL_R



INPUT SPECIFICATION

Input Voltage	90~264 Vac
Input Frequency	47~63 Hz
Input Current	Max. 5.0A@115V / Max. 2.5A@230V : FSP300-701UJ Max. 6.3A@115V / Max. 3.0A@230V : FSP300-701U
Earth leakage current	Max 3.5mA @ 264Vac/50H

OUTPUT SPECIFICATION

Output Voltage/ Current	See Product Series List
Output Regulation Load	3.3V, 5V, 12V1, 12V2, 5Vsb : ±5% -12V, -5V: ±10%
Ripple and noise	+3.3V, +5V, 5VSB: 50mV p-p / +12V, -12V: 120mV p-p / -5V: 100mV p-p
Output Rise Time	115V-rms/230V-rms + 5V: 20ms Maximum 115V-rms/230V-rms +12V: 20ms Maximum
Over Voltage Protection	+3.3Vdc output: Protection point 3.5V~4.8V +5Vdc output: Protection point 5.5V~7.0V 12Vdc output: Protection point 13.4V~16V
Short Circuit Protection	Output short circuit is defined to be a short circuit load of less than 0.1 ohm
Hold Up Time	Min. 17mS @115Vac/230Vac, Full Load

ENVIROMENTAL

Operating Temperature	0°C~50°C
Storage Temperature	- 20°C~80°C
Operating Humidity	5~85%, RH, Non-Condensing
Storage Humidity	5~95%, RH, Non-Condensing

MTBF Min. 100,000 hours at full load at 25°C ambient, predicated by MIL-HDBK-217F

EMC & Safety

Safety Standard	EN 60950-1-2
Emission	EN55022, Class B Conducted / Class B Radiated FCC Part15, Class B

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

PRODUCT SERIES LIST

Model Name	Total Output Watt.	Output Current													
		+3.3V		+5V		+12V1		+12V2		-12V		-5V		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)
FSP300-701UJ	300W	0.3	14.0	0.3	16.0	0.5	16.0	0.5	16.0	0.0	0.5	0.0	3.0	0.0	0.3
FSP350-701UJ	350W	0.3	16.0	0.3	18.0	0.5	16.0	0.5	16.0	0.0	0.5	0.0	3.0	0.0	0.3

Note:

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

FSP300-701UJ: (1)The+ 3.3V and +5V total output shall not exceed 120watts (2)Total output for this subject power supply is 300watts.

FSP350-701UJ: (1)The+ 3.3V and +5V total output shall not exceed 130watts (2)Total output for this subject power supply is 350watts

Mechanical Drawing

Dimension 190(L) x 100(W) x 40.5(H) mm

