

**2U Redundant****FEATURE**

High Efficiency  
 Built in Active PFC Function  
 Low Ripple & Noise  
 RoHS compliant for all six substances

**2U, 1+1-REV1 Series****SAFETY STANDARD APPROVAL****INPUT SPECIFICATION**

Input Voltage	90-264VAC
Input Frequency	47~65Hz
Input Current	Max.6A at 115Vac: FSP350-80REV1 Max.9A at 115Vac: FSP520-80REV1 Max.12A at 115Vac: FSP700-80REV1
Inrush Current	No Damage
EarthLeakageCurrent	3.5mA max@264V/50Hz

**OUTPUT SPECIFICATION**

Output Rating	See table
Ripple & Noise	+3.3V, +5V, +5Vsb: 50mVp-p +12V, -12V, -5V: 120mVp-p
Hold Up Time	17mS @ 115V/60Hz 75% full load
OVP	+3.3V: 3.9V~ 4.5V +5V: 5.7V~ 6.5V +12V:13.3V ~ 14.5V
OTP	
OCP	+3.3V, +5V: 110%~200% +12V: Peak combined current minimum; 200% maximum.
Remote On/Off	On = PS_ON: 0V~0.4V Off = PS_ON: 2.4V~5.25V
Current Share	
I <sup>2</sup> C-Bus	
EEPROM	

**GENERAL**

Efficiency	Average $\geq$ 65% at 100% of maximum
Power Density	
Signals	Power Good, LED indicator
MTBF	Min.100,000 hours at full load at 25°C ambient, predicated by MIL-HDBK-217F
Remote Sensing	+3.3V

**ENVIRONMENTAL**

Operating Temp.	0 to 40°C
Operating Humidity	
Storage Temp.	
Storage Humidity	

**EMC & Safety**

Safety Approvals	IEC60950-1
Emissions	EN55022, class B Conducted EN55022, class B Radiated
Harmonic Currents	EN61000-3-2, class D
Voltage Flicker	EN61000-3-3
EFT/Burst	EN61000-4-4, level 3 Pref Criteria B
Surge	EN61000-4-5, level 3 Pref Criteria B
Conducted Immunity	EN61000-4-6, 10Vrms Pref Criteria A

**2U Redundant**

**2U, 1+1-REV1 Series**

**PRODUCT SERIES LIST**

Model Name	Total Output Watt.	Output Current															
		+3.3V		+5V		+12V1		+12V2		+12V3		-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)	Min(A)	Max(A)
FSP350-80REV1	350W	0,5	20	0,5	25	0,5	15	0,5	15	1	15	0	0,5	0	0,2	0	2
FSP520-80REV1	520W	0,5	24	0,5	25	0,5	15	0,5	15	1	15	0	0,5	0	0,2	0	2
FSP700-80REV1	700W	0,5	24	0,5	30	0,5	18	0,5	18	1	18	0	0,5	0	0,2	0	3

**Note:**

FSP350-80REV1: 5V, 3.3V, 12V, -12V will have the regulation to 10% when all load take off. Maximum combined current for the 12V outputs shall be 24A. The +3.3V and +5V total output shall not exceed 150watts. The total output shall not exceed 350watts.

FSP520-80REV1: 5V, 3.3V, 12V, -12V will have the regulation to 10% when all load take off. Maximum combined current for the 12V outputs shall be 35A. The +3.3V and +5V total output shall not exceed 150watts. The total output shall not exceed 520watts.

FSP700-80REV1: 5V, 3.3V, 12V, -12V will have the regulation to 10% when all load take off. Maximum combined current for the 12V outputs shall be 48A. The +3.3V and +5V total output shall not exceed 170watts. The total output shall not exceed 700watts.

**Mechanical Drawing**

Dimension 300(L) x 101(W) x 84(H) mm

