

# TWINS

## ATX PS2 redundant PSU



Twins series, a redundant power supply, is designed for standard ATX or PS2 chassis, no front end bracket needed, ideal for mail, web or home server. Hot swappable modules design provides stable power supply: when one fails, the other can take over the load immediately. Thus users do not need to worry about any server/PC power off situation.

Connector Type	Connector Illustration	Twins 500	Twins 700
ATX12V 24 Pin		1	1
ATX12V 20+4 Pin		-	-
CPU 8 Pin		-	-
CPU 4+4 Pin		2	2
CPU 4 Pin		-	-
PCI-E 2.0 6+2 (8) Pin		2	2
PCI-E 2.0 6 Pin		-	-
S-ATA		6	6
Molex 4 Pin		2	2
Floppy 4 Pin		1	1
Fan 2 Pin		-	-

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## Features

- ATX PS2 redundant size, no front end bracket needed, ideal for mail, web and home server
- Digital-controlled power supply design can be monitored by "FSP Guardian" software
- Hot swappable modules design and no worry about server/PC power off when one of modules failure
- Complete protection: over current protection, short circuit protection, over voltage protection, fan failure protection
- Alarm guard design by smart power supply status LED indicator
- 80 PLUS® 230V Internal Gold Certification
- Complies with ATX 12V and EPS 12V standards
- Flat ribbon cables, ideal solution for applications with space constraint issue

## Power Output Tables

500W		FSP500-70RGHBB1						
AC Input	100-240V~, 8-4A, 60-50Hz							
DC Output	+3.3V	+5V	+12V1	+12V2	+12V3	-12V	+5Vsb	
Max Output Current	20A	20A	16A	16A	16A	0.5A	3.0A	
Max Combined Power	130W							
Total Power	500W							

Single Module Model No.:		FSP520-20RGGBB1	
DC Output	+12V~43.3A	+5Vsb~3.0A	
Total Power	520W		

700W		FSP700-50RGHBE1						
AC Input	100-240V~, 10-5A, 60-50Hz							
DC Output	+3.3V	+5V	+12V1	+12V2	+12V3	-12V	+5Vsb	
Max Output Current	20A	20A	17A	17A	17A	0.5A	3.0A	
Max Combined Power	130W							
Total Power	700W							

Single Module Model No.:		FSP720-20RGGBE1	
DC Output	+12V~60.0A	+5Vsb~3.0A	
Total Power	720W		



80 PLUS Certification	115V Internal Non-Redundant			
% of Rated Load	10%	20%	50%	100%
80 PLUS Gold	---	87%	90%	87%