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Redundant

Flex

PS2 Redundant

**POWER**  
NEVER ENDS



# About FSP

FSP Group is the leading power supply manufacturer in the world.

Since established in 1993, the company has been committed to its R&D capability, production capacity and product quality to stand out from the competitive market.

FSP Group provides a great variety of products related to power and electronics technology, such as adapter, open frame, LED Lighting, Medical, LCD TV, Industrial / Desktop computers and Servers to fulfil our OEM / ODM customers' needs. And FSP Group is now making more efforts to develop better environment friendly products, including PV Inverter, UPS and ESS products.

FSP Group's global presence in Taiwan, Brazil, China, Germany, Sweden, France, India, Japan, Korea, Russia, Turkey, UK, and USA has made it easier to provide immediate support. As FSP Group is aiming to create a win-win situation, we treat our customers as friends by providing customized products and excellent service.

For FSP Group, making **Power Never Ends** will be our sustainable goal.

**Our vision:**

*To be the global leading provider of green energy solutions, touch people's life, contribute to the better environment.*

**Our mission:**

*Providing the best value to customers, employees and shareholders by our innovative service and high quality products.*

## 1U Specifications

Model No.	Wattage	Dimension L x W x H (mm)	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min - Max (A)) PEAK (A)					
					+3.3V	+5V	+12V1	-12V	+5Vsb	-5V
* FSP300-50UCB	300W	190*100*40.5	Bronze	-	0-12	0-14	0.05-25	0-0.3	0-3	0-0.1
* FSP300-50UDB	300W	190*100*40.5	Gold	-	0-14	0-14	0.05-25	0-0.3	0-3	0-0.1
* FSP400-50UCB	400W	190*100*40.5	Bronze	-	0-14	0-16	0.05-33	0-0.3	0-3	0-0.1
* FSP400-50UDB	400W	190*100*40.5	Gold	-	0-16	0-16	0.05-33	0-0.5	0-3	0-0.1
* FSP500-50UCB	500W	190*100*40.5	Bronze	-	0-14	0-16	0.05-41	0-0.3	0-3	0-0.1
* FSP500-50UDB	500W	190*100*40.5	Gold	-	0-14	0-16	0.05-41	0-0.5	0-3.5	0-0.1
FSP600-50UEB	600W	220*100*40.5	Bronze	-	0.5-25	0.5-25	0.5-50	0.05-0.5	0.1-4.0	
FSP700-50UEB	700W	220*100*40.5	Bronze	-	0.5-25	0.5-25	0.5-58	0.05-0.5	0.1-4.0	
FSP800-50UEB	700W	220*100*40.5	Bronze	-	0.5-25	0.5-25	0.5-66.5	0.05-0.5	0.1-4.0	

Notes: \* -5V optional

## 2U Specifications

Model No.	Wattage	Dimension L x W x H (mm)	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min - Max (A)) PEAK (A)					
					+3.3V	+5V	+12V1	-12V	+5Vsb	-5V
* FSP300-50WCB	300W	200*100*70	Bronze	-	0-12	0-14	0.05-25	0-0.3	0-3	0-0.1
* FSP400-50WCB	400W	200*100*70	Bronze	-	0-14	0-16	0.05-33	0-0.3	0-3	0-0.1
* FSP400-50WDB	400W	200*100*70	Gold	-	0-16	0-16	0.05-33	0-0.5	0-3	0-0.1
* FSP500-50WCB	500W	200*100*70	Bronze	-	0-14	0-16	0.05-41	0-0.3	0-3	0-0.1
* FSP500-50WDB	500W	200*100*70	Gold	-	0-14	0-16	0.05-41	0-0.5	0-3.5	0-0.1
FSP600-50WEB	600W	240*100*70	Bronze	-	0.5-25	0.5-25	0.5-50	0.05-0.5	0.1-4.0	
FSP700-50WEB	700W	240*100*70	Bronze	-	0.5-25	0.5-25	0.5-58	0.05-0.5	0.1-4.0	
FSP800-50WEB	800W	240*100*70	Bronze	-	0.5-25	0.5-25	0.5-66.5	0.05-0.5	0.1-4.0	

Notes: \* -5V optional

# ATX Specifications

Model No.	Wattage	Dimension L x W x H (mm)	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min ~ Max (A)) PEAK (A)										Remark	
					+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5Vsb	-5V	+24V		
* FSP250-50AMB	250W	140*150*86	Bronze	-	0-20	0-21	0-20.5					0-0.3	0-2.5			New for ATX 3.0
* FSP300-50AMB	300W	140*150*86	Bronze	-	0-20	0-21	0-25					0-0.3	0-2.5			New for ATX 3.0
* FSP300-70PFL(SK)	300W	140*150*86	Bronze	-	0-19	0-16	0.03-17	0-17				0-0.5	0-3	0-0.1		
FSP300-70AGGBM	300W	140*150*86	Gold	-	0-19	0-16	0.03-17	0-17				0-0.5	0-3 Peak 3.5	0-0.1		
▲ FSP300-70AGGBM(M)	300W	140*150*86	Gold	-	0-19	0-16	0.03-17	0-17				0-0.5	0-3 Peak 3.5	0-0.1		
FSP350-70PFL(SK)	350W	140*150*86	Bronze	-	0-21	0-16	0.03-17	0-17				0-0.5	0-3	0-0.1		New for ATX 3.0
FSP400-50AMB	400W	140*150*86	Bronze	-	0-20	0-21	0-33					0-0.3	0-2.5			
FSP400-70PFL(SK)	400W	140*150*86	Bronze	-	0-21	0-16	0.03-17	0-17				0-0.5	0-3	0-0.1		
FSP400-80AAB	400W	140*150*86	Bronze	-	0-16	0-16	0.03-18	0-18				0-0.5	0-3	0-0.1	0-8	With 24V output
FSP400-70AGGBM	400W	140*150*86	Gold	-	0-21	0-16	0.03-17	0-17				0-0.5	0-3 Peak 3.5	0-0.1		
▲ FSP400-70AGGBM(M)	400W	140*150*86	Gold	-	0-21	0-16	0.03-17	0-17				0-0.5	0-3 Peak 3.5	0-0.1		
FSP400-70ACB	400W	140*150*86	Platinum	-	0-21	0-16	0.03-17	0-17				0-0.5				
FSP460-70PFL(SK)	460W	140*150*86	Bronze	-	0-22	0-16	0.03-18	0-18				0-0.5	0-3	0-0.1		
FSP500-70PFL(SK)	500W	140*150*86	Bronze	-	0-22	0-16	0.03-18	0-18				0-0.5	0-3	0-0.1		
FSP500-80AAB	500W	140*150*86	Bronze	-	0-18	0-18	0.03-18	0-18				0-0.5	0-3	0-0.1	0-8	With 24V output
FSP500-80AGGBM	500W	140*150*86	Gold	-	0-21	0-20	0.03-16	0-16	0-16			0-0.5	0-3 Peak 3.5	0-0.3		
▲ FSP500-80AGGBM(M)	500W	140*150*86	Gold	-	0-21	0-20	0.03-16	0-16	0-16			0-0.5	0-3 Peak 3.5	0-0.3		
FSP500-70ACB	500W	140*150*86	Platinum	-	0-24	0-20	0.03-18	0-18				0-0.5	0-3	0-0.2		
FSP600-80AAB	600W	140*150*86	Bronze	-	0-20	0-20	0.03-18	0-18				0-0.5	0-3	0-0.1	0-8	With 24V output
FSP600-80PSA(SK)	600W	140*150*86	Bronze	-	0-25	0-25	0.03-16	0-16	0-16	0-16		0-0.5	0-3	0-0.5		
FSP700-80PSA(SK)	700W	140*150*86	Bronze	-	0-24	0-30	0.03-16	0-16	0-16	0-16		0-0.5	0-3	0-0.5		
FSP850-50ADB	850W	190*150*86	Gold	-	0-25	0-25	0.03-70					0-0.5	0-3.5			
FSP1000-50ADB	1000W	190*150*86	Gold	-	0-30	0-30	0.03-83					0-0.8	0-4			
FSP1200-50ADB	1200W	190*150*86	Gold	-	0-30	0-30	0.03-100					0-0.8	0-4			
FSP2000-52AGPBI	2000W	200*150*86	Platinum	-	0-25	0-25	0.03-166.6					0-0.5	0-4			

Notes: ▲ Cable management models

# DC Specifications

Model No.	Watts	Dimension L x W x H (mm)	Input	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min ~ Max (A)) PEAK (A)				
						+3.3V	+5V	+12V1	-12V	+5Vsb
FSP250-52FGB	250W	150*81.5*40.5	24V	-	-	0-10	0.2-14	0.5-18	0-0.3	0-2.5
FSP250-53FGB	250W	150*81.5*40.5	48V	-	-	0-10	0.2-14	0.5-18	0-0.3	0-2.5
FSP400-57FHB	400W	150*81.5*40.5	48V	-	-	0.1-12	0.1-12	0.2-24.66	0.1-0.3	0.1-2
FSP500-57FHB	500W	150*81.5*40.5	48V	-	-	0.1-12	0.1-12	0.2-33	0.1-0.3	0.1-2
FSP400-57UHB	400W	190*100*40.5	48V	-	-	0.1-12	0.1-12	0.2-24.66	0.1-0.3	0.1-2
FSP500-57UHB	500W	190*100*40.5	48V	-	-	0.1-12	0.1-12	0.2-33	0.1-0.3	0.1-2

# FLEX Specifications

Model No.	Wattage	Dimension L x W x H (mm)	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min ~ Max (A)) PEAK (A)						Remark
					+3.3V	+5V	+12V1	-12V	+5Vsb	+24V	
* FSP100-50FAB	100W	150*81.5*40.5		-	0-8	0-12	0.03-10	0-0.3	0-2		
FSP100-50FRB	100W	150*81.5*40.5		-	0-6	0-8	0-4	0-0.3	0-2		New for ATX 3.0
FSP100-57FAB	100W	150*81.5*40.5		-	0-8	0-12	0.03-10	0-0.3	0-2		
FSP150-50FGNBI	150W	150*81.5*40.5		-	0-8	0-12	0.03-10	0-0.3	0-2		
FSP150-50FEB	150W	150*81.5*40.5		-	0-10	0-14	0.03-10 Peak 13	0-0.3	0-2.5		
FSP150-50FRB	150W	150*81.5*40.5		-	0-8	0-12	0-10	0-0.3	0-2		New for ATX 3.0
FSP180-50FGNBI	180W	150*81.5*40.5		-	0-8	0-12	0.03-12	0-0.3	0-2		
FSP180-50FEB	180W	150*81.5*40.5		-	0-10	0-14	0.03-10 Peak 13	0-0.3	0-2.5		
FSP180-50FRB	180W	150*81.5*40.5		-	0-8	0-12	0-12	0-0.3	0-2		New for ATX 3.0
FSP220-50FGBBI	220W	150*81.5*40.5	Bronze	-	0-8	0-12	0.03-14	0-0.3	0-2.5		
FSP220-50FEB	220W	150*81.5*40.5	Bronze	-	0-10	0-14	0.03-14 Peak 16	0-0.3	0-2.5		
FSP220-50FRB	220W	150*81.5*40.5	Bronze	-	0-8	0-12	0-14	0-0.3	0-2.5		New for ATX 3.0
FSP220-20FGBBD	220W	150*81.5*40.5	Bronze	-			0-6				0-2.8
FSP250-50FGBBI	250W	150*81.5*40.5	Bronze	-	0-12	0-14	0.03-18	0-0.3	0-2.5		
FSP250-20FGBBD	250W	150*81.5*40.5	Bronze	-			0-7				0-3.2
FSP250-20FRB	250W	150*81.5*40.5	Bronze	-	0-12	0-14	0-18	0-0.3	0-2.5		New for ATX 3.0
FSP280-20FGBBD	280W	150*81.5*40.5	Bronze	-			0-8				0-4.2
© FSP300-30FQB	300W	150*81.5*40.5		-			0-25		0-3	0-6	
FSP300-50FCB	300W	150*81.5*40.5	Gold	-	0-14	0-14	0.03-24	0-0.3	0-3		
FSP300-50FRB	300W	150*81.5*40.5	Bronze	-	0-12	0-14	0-24	0-0.3	0-2.5		New for ATX 3.0
FSP350-50FCB	350W	150*81.5*40.5	Gold	-	0-14	0-16	0.03-29	0-0.3	0-3		
FSP400-50FDB	400w	150*81.5*40.5	Gold	-	0-14	0-16	0.05-33	0-0.3	0-3		
FSP500-50FDB	500w	150*81.5*40.5	Gold	-	0-14	0-16	0.05-41	0-0.3	0-3		
FSP850-50FGPH3	850W	220*81.5*40.5	Platinum	V1.2	0-20	0-20	0-70.8	0-0.5	0-3		

Notes: © New

## 1U Redundant Specifications

Model No.	Wattage	Dimension L x W x H (mm)	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min ~ Max (A)) PEAK (A)					
					+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb
FSP250-60RCB	250W	260*106*41.3	Bronze	-	0-19	0-17	0.5-14	0.5-14	0-0.5	0-2
FSP300-60RCB	300W	260*106*41.3	Bronze	-	0-20	0-20	0.5-14	0.5-14	0-0.5	0-2
© FSP300-50RFB	300W	190*100*40.5	Gold	V1.2	0-20	0-20	0.1-25		0-0.5	0-2
FSP400-50RDB	400W	260*106*41.3	Bronze	-	0-20	0-20	0.1-33.34		0-0.5	0-2
FSP500-50RDB	500W	260*106*41.3	Bronze	-	0-20	0-20	0.1-41.67		0-0.5	0-2

Notes: © New

## Mini Redundant Specifications

Model No.	Wattage	Dimension L x W x H (mm)	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min ~ Max (A)) PEAK (A)					
					+3.3V	+5V	+12V1	-12V	+5Vsb	-5V
FSP350-60MRB(S)	350W	190*150*84	Gold	V1.2	0-20	0-20	1-29	0-0.5	0-2	0-0.3
FSP500-60MRB(S)	500W	190*150*84	Gold	V1.2	0-20	0-20	1-40	0-0.5	0-3	0-0.3
FSP600-60MRB(S)	600W	190*150*84	Gold	V1.2	0-20	0-20	1-49	0-0.5	0-3	0-0.3

## PS2 Redundant Specifications

Model No.	Wattage	Dimension L x W x H (mm)	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min ~ Max (A)) PEAK (A)				
					+3.3V	+5V	+12V1	-12V	+5Vsb
FSP400-50RAB	400W	190*150*86	Gold	V1.2	0-20	0-20	0-33.34	0-0.5	0-3
FSP500-50RAB	500W	190*150*86	Gold	V1.2	0-20	0-20	0-41.67	0-0.5	0-3
FSP600-50RAB	600W	190*150*86	Gold	V1.2	0-20	0-20	0-50	0-0.5	0-3
FSP700-50RAB	700W	190*150*86	Gold	V1.2	0-20	0-20	0-58.3	0-0.5	0-3
FSP900-50REB	900W	190*150*86	Gold	V1.2	0-20	0-20	0-75	0-0.5	0-3

# CRPS Specifications

Model No.	Wattage	Dimension L x W x H (mm)	Input	Fan Reversed	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min ~ Max (A)) PEAK (A)			Remark
							+12V	+54V	+12Vsb	
FSP550-20FM	550W	185*73.5*40	AC		Platinum	V1.2	44A		2.1A	
FSP550-29FM	550W	185*73.5*40	AC	V	Platinum	V1.2	44A		2.1A	
FSP550-20FL	550W	185*73.5*40	DC -48V			V1.2	44A		2.1A	
FSP550-29FL	550W	185*73.5*40	DC -48V	V		V1.2	44A		2.1A	
FSP550-20FH	550W	185*73.5*40	HVDC		Platinum	V1.2	44A		2.1A	
FSP800-20FM	800W	185*73.5*40	AC		Platinum	V1.2	65A		2.1A	
FSP800-29FM	800W	185*73.5*40	AC	V	Platinum	V1.2	65A		2.1A	
FSP800-20FH	800W	185*73.5*40	HVDC		Platinum	V1.2	65A		2.1A	
FSP800-20FN	800W	185*73.5*40	AC		Platinum	V1.2	65A		2.1A	NEBS
FSP800-29FN	800W	185*73.5*40	AC	V	Platinum	V1.2	65A		2.1A	NEBS
FSP800-20FL	800W	185*73.5*40	DC -48V			V1.2	65A		2.1A	
FSP800-29FL	800W	185*73.5*40	DC -48V	V		V1.2	65A		2.1A	
FSP1200-20FM	1200W	185*73.5*40	AC		Platinum	V1.2	97A		3A	
FSP1200-29FM	1200W	185*73.5*40	AC	V	Platinum	V1.2	97A		3A	
FSP1200-20FH	1200W	185*73.5*40	HVDC		Platinum	V1.2	97A		3A	
FSP1300-20FM	1300W	185*73.5*40	AC		Platinum	V1.2	105.3A		3A	
FSP1300-29FM	1300W	185*73.5*40	AC	V	Platinum	V1.2	105.3A		3A	
FSP1300-20FH	1300W	185*73.5*40	HVDC		Platinum	V1.2	105.3A		3A	
※ FSP1300-20HM	1300W	185*73.5*40	AC		Titanium	V1.2	105.3A		3A	
FSP1600-20FM	1600W	185*73.5*40	AC		Platinum	V1.2	130.3A		3A	
FSP1600-20FH	1600W	185*73.5*40	HVDC		Platinum	V1.2	130.3A		3A	
※ FSP1600-20HM	1600W	185*73.5*40	AC		Titanium	V1.2	130.3A		3A	
FSP2000-20FM	2000W	185*73.5*40	AC		Platinum	V1.2	163.6A		3A	
FSP2000-20HM	2000W	185*73.5*40	AC		Titanium	V1.2	163.6A		3A	
FSP2400-20FM	2400W	185*73.5*40	AC		Platinum	V1.2	196.7A		3A	
※ FSP2700-20HM	2700W	185*73.5*40	AC		Titanium	V1.2	222A		3A	
FSP3000-20FE	3000W	265*73.5*40	AC		Titanium	V1.2		55.6A	3A	

Notes: ※ Coming Soon

# CRPS Specifications

Model No.	Wattage	Dimension L x W x H (mm)	80 Plus Efficiency Level	PMBus	Output Voltage (Output Current: Min ~ Max (A)) PEAK (A)					Remark
					+3.3V	+5V	+12V	-12V	+5Vsb	
FSP550-50FS	550W	265*76*84	Platinum	V1.2	0-20	0-20	0.5-44	0-0.3	0-4	Set
FSP800-50FS	800W	265*76*84	Platinum	V1.2	0-25	0-25	0.5-65	0-0.3	0-4.5	Set
FSP1200-50FS	1200W	265*76*84		V1.2	0-30	0-30	0.5-97	0-0.3	0-5	Set
FSP-FC210E	550 to 1200W	210*76*84		V1.2	0-12	0-12	0.5-45.8/65/97	0-0.3	0-5	Universal housing
FSP-FC210	550 to 2400W	210*76*84	Platinum	V1.2	0-12	0-24	0.545.8/65/97/105.4/130.4/163.6/196.7	0-0.3	0-5	Universal housing
▲ FSP-FC250	550 to 2400W	265*76*84	Platinum	V1.2	0-12	0-24	0.5-45.8/65/97/105.4/130.4/163.6/196.7	0-0.3	0-5	Universal housing

Notes: ▲ Cable management models

# Product Advantages and Applications

## Redundant



- CRPS with IEC 62368 Safety certificated
- 80 Plus Titanium & Platinum efficiency
- Support PMBus v1.2
- Fully digital design
- Well working performance at 55°C
- Best solution for data center, telecom server and NAS
- Applications: For standard, advanced rack servers (including micro, cloud server, embedded servers...etc.), 5G network and storage system.

## Flex



- Easy swap or install with cable management design
- Widely input range: 90 to 264Vac, 24Vdc & 48Vdc
- Standard ATX output plus one 24Vdc for POS or 53Vdc for PoE system
- Total output power from 100W to 500W in one standard size
- Max. 850W with 220mm (L) with PMBus v1.2
- Applications: For industry system, DVR/NVR, NAS, digital signage, ATM/Kiosk, firewall and networking systems.

## PS2 Redundant



- Easy install in tower or 4U server with standard ATX screw positions
- Total output power from 350W to 900W
- Support PMBus v1.2
- Low acoustic level for office or home environments
- Applications: For industry controller, NAS and storage system.

For further price and delivery information, please contact our local sales team.

