



# OPEN FRAME

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**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 wide variety of products related to power and electronics technology, such as adapter, open frame, SSL LED Driver, Medical, LCD TV, Industrial / Desktop computers and Servers to fit our OEM / ODM customers' needs. FSP Group is aiming to develop more and better environment friendly products continuously, including PV Inverter, UPS, ESS and battery charger products. FSP Group's global presence in Taiwan, China, Germany, Sweden, France, India, Japan, Korea, 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.*

## IT Application- Single Output

Output Watts		Model FORM	Output 1		Power Consumption	Structure	PFC	Size	Safety Certificate 62368-1	Design meet
Convection	Forced Air	PCB	V	A						
65		FSP065-P35-A05	5	13	No Load < 0.5W	Class-II		3 x 5	IEC/EN/UL/CSA	IEC61558
65		FSP065-P24-A12	12	5.4	No Load < 0.5W	Class-II		2 x 4	IEC/EN/UL/CSA	
65		FSP065-P35-A12	12	5.4	No Load < 0.5W	Class-II		3 x 5	IEC/EN/UL/CSA	IEC61558
65		FSP065-P24-A19	19	3.42	No Load < 0.5W	Class-II		2 x 4	IEC/EN/UL/CSA	
65		FSP065-P24-A24	24	2.7	No Load < 0.5W	Class-II		2 x 4	IEC/EN/UL/CSA	
65		FSP065-P35-A24	24	2.7	No Load < 0.5W	Class-II		3 x 5	IEC/EN/UL/CSA	IEC61558
65		FSP065-P24-B54	54	1.2	No Load < 0.5W	Class-II		2 x 4	IEC/EN/UL/CSA	HVDC input
80		FSP080-P24-A12	12	6.67	No Load < 0.5W	Class-II		2 x 4	IEC/EN/UL/CSA	
80		FSP080-P24-B12	12	6.67	Standby < 0.5W	Class-II		2 x 4	IEC/EN/UL/CSA/CQC	HVDC input
80		FSP080-P24-A24	24	3.34	No Load < 0.5W	Class-II		2 x 4	IEC/EN/UL/CSA	
80		FSP080-P24-A54	54	1.48	No Load < 0.5W	Class-II		2 x 4	IEC/EN/UL/CSA	
80	100	FSP100-P35-C12	12	8.35	No Load < 0.5W	Class-I		3 x 5	IEC/EN/UL/CSA	
100		FSP100-P35-B19	19	5.27	No Load < 0.5W	Class-I		3 x 5	IEC/EN/UL/CSA	
100	150	FSP150-P24-A12	12	12.5	No Load < 0.5W	Class-I	Yes	2 x 4	IEC/EN/UL/CSA	
100	150	FSP150-P35-A12	12	12.5	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA	
100	150	FSP150-P24-A19	19	7.9	No Load < 0.5W	Class-I	Yes	2 x 4	IEC/EN/UL/CSA	
100	150	FSP150-P24-A24	24	6.25	No Load < 0.5W	Class-I	Yes	2 x 4	IEC/EN/UL/CSA	
100	150	FSP150-P35-A24	24	6.25	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA	
100	150	FSP150-P24-A54	54	2.78	No Load < 0.5W	Class-I	Yes	2 x 4	IEC/EN/UL/CSA	
100	150	FSP150-P35-A54	54	2.78	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA	
150	200	FSP200-P35-A12	12	16.6	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA	IEC61558
150	200	FSP200-P35-A18	18	11.1	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA/CQC	IEC61558
150	200	FSP200-P35-A24	24	8.33	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA/CQC	IEC61558
150	200	FSP200-P35-A54	54	3.7	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA/CQC	IEC61558
150	250	FSP250-H24-A12	12	20.83	Standby < 0.5W	Class-I	Yes	2 x 4	IEC/EN/UL/CSA	HVDC input
150	250	FSP250-H24-A24	24	10.42	Standby < 0.5W	Class-I	Yes	2 x 4	IEC/EN/UL/CSA	HVDC input
150	250	FSP250-H24-A54	54	4.63	Standby < 0.5W	Class-I	Yes	2 x 4	IEC/EN/UL/CSA	HVDC input
150	260	FSP260-P35-A12	12	21.6	Standby < 0.5W	Class-I	Yes	3 x 5	IEC/EN/CSA	IEC61558
150	260	FSP260-P35-A24	24	10.8	Standby < 0.5W	Class-I	Yes	3 x 5	IEC/EN/CSA	IEC61558
150	260	FSP260-P35-A54	54	4.82	Standby < 0.5W	Class-I	Yes	3 x 5	IEC/EN/CSA	IEC61558
180	350	FSP350-F35-A12	12	29.2	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA	
180	350	FSP350-F35-A18	18	19.44	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA	
180	350	FSP350-F35-A24	24	14.6	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA	
180	350	FSP350-F35-A54	54	6.5	No Load < 0.5W	Class-I	Yes	3 x 5	IEC/EN/UL/CSA	
200	450	FSP450-H35-A24	24	18.75		Class-I	Yes	3 x 5	Developing	
200	450	FSP450-H35-A54	54	8.34		Class-I	Yes	3 x 5	IEC/UL/CSA	

\* Operating Voltage AC 90-264Vac. \* Operating Temperature 50°C. \* Output to PE 1.5K VAC.

# Industry Application-Single Output

Output Watts		Model FORM			Output 1		Standby Power		Power Consumption	Structure	PFC	Size	Safety Certificate	Design meet
Convection	Forced Air	PCB	+Bracket	Enclosed	V	A	V	A					62368-1	
40		PU42-10A			5	8				Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
42		PU42-12A			12	3.5				Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
45		PU42-13A			15	3				Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
48		PU42-14A			24	2				Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
48		PU42-18A			48	1				Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
55		PU60-10A			5	11				Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
64		PU60-13A			15	4.3				Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
64		PU60-18A			48	1.35				Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
80	100	PU101-13A			15	6.67			No load <0.15W	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
80	100	PU101-13-1A			18	5.56			No load <0.15W	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
80	100	PU101-15A			28	3.58			No load <0.15W	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
80	100	PU101-16-1A			32	3.13			No load <0.15W	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
80	100	PU101-17A			36	2.78			No load <0.15W	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
80	100	PU101-18A			48	2.09			No load <0.15W	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
150	200		PU202-13B	PU202-13C	15	10				Class-I	Yes	3 X 5	IEC/EN/UL/CSA	IEC60335 & IEC61558
150	200		PU202-15B	PU202-15C	28	5.36				Class-I	Yes	3 X 5	IEC/EN/UL/CSA	IEC60335 & IEC61558
150	200		PU202-17B	PU202-17C	36	4.17				Class-I	Yes	3 X 5	IEC/EN/UL/CSA	IEC60335 & IEC61558
150	200		PU202-18B	PU202-18C	48	3.13				Class-I	Yes	3 X 5	IEC/EN/UL/CSA	IEC60335 & IEC61558
200	300	PU301-12A	PU301-12B	PU301-12C	12	25	5/12	2/1	Standby <1W	Class-I	Yes	3 X 6	IEC/EN/UL/CSA	IEC60335 & IEC61558
200	300	PU301-13A	PU301-13B	PU301-13C	15	20	5/12	2/1	Standby <1W	Class-I	Yes	3 X 6	IEC/EN/UL/CSA	IEC60335 & IEC61558
200	300	PU301-13-2A	PU301-13-2B	PU301-13-2C	19	15.8	5/12	2/1	Standby <1W	Class-I	Yes	3 X 6	IEC/EN/UL/CSA	IEC60335 & IEC61558
200	300	PU301-14A	PU301-14B	PU301-14C	24	12.5	5/12	2/1	Standby <1W	Class-I	Yes	3 X 6	IEC/EN/UL/CSA	IEC60335 & IEC61558
200	300	PU301-16A	PU301-16B	PU301-16C	30	10	5/12	2/1	Standby <1W	Class-I	Yes	3 X 6	IEC/EN/UL/CSA	IEC60335 & IEC61558
200	300	PU301-17A	PU301-17B	PU301-17C	36	8.34	5/12	2/1	Standby <1W	Class-I	Yes	3 X 6	IEC/EN/UL/CSA	IEC60335 & IEC61558
200	300	PU301-18A	PU301-18B	PU301-18C	48	6.25	5/12	2/1	Standby <1W	Class-I	Yes	3 X 6	IEC/EN/UL/CSA	IEC60335 & IEC61558
300	400		PU400-12B	PU400-12C	12	25	5	0.1		Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
300	400		PU400-13B	PU400-13C	15	20	5	0.1		Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
300	400		PU400-13-1B	PU400-13-1C	18	16.67	5	0.1		Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
300	400		PU400-14B	PU400-14C	24	12.5	5	0.1		Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
300	400		PU400-15B	PU400-15C	28	10.72	5	0.1		Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
300	400		PU400-17B	PU400-17C	36	8.34	5	0.1		Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
300	400		PU400-18B	PU400-18C	48	6.25	5	0.1		Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
350	450		PU500-12B	PU500-12C	12	37.5	5	0.5	Standby <1W	Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
350	450		PU500-13B	PU500-13C	15	30	5	0.5	Standby <1W	Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
400	500		PU500-13-1B	PU500-13-1C	18	27.78	5	0.5	Standby <1W	Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
400	500		PU500-14B	PU500-14C	24	20.84	5	0.5	Standby <1W	Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
400	500		PU500-15B	PU500-15C	28	17.86	5	0.5	Standby <1W	Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
400	500		PU500-17B	PU500-17C	36	13.89	5	0.5	Standby <1W	Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
400	500		PU500-18B	PU500-18C	48	10.42	5	0.5	Standby <1W	Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
400	500		PU500-19B	PU500-19C	57	8.78	5	0.5	Standby <1W	Class-I	Yes	4 X 7	IEC/EN/UL/CSA	IEC60335 & IEC61558
600			PU651-12B	PU651-12C	12	50	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
600			PU651-13B	PU651-13C	15	40	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-13-1B	PU651-13-1C	18	36.12	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-14B	PU651-14C	24	27.09	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-15B	PU651-15C	28	23.22	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-16B	PU651-16C	30	21.67	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-16-1B	PU651-16-1C	32	20.32	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-17-1B	PU651-17-1C	34	19.12	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-17B	PU651-17C	36	18.06	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-18B	PU651-18C	48	13.55	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-19B	PU651-19C	57	11.41	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
650			PU651-19-1B	PU651-19-1C	58	11.21	5	0.2		Class-I	Yes	4 X 8	IEC/EN/UL/CSA	IEC60335 & IEC61558
1100				PU1100-14C	24	45.84	5	0.2		Class-I	Yes	6 X 9	IEC/EN/UL/CSA	IEC60335 & IEC61558
1100				PU1100-15C	28	39.29	5	0.2		Class-I	Yes	6 X 9	IEC/EN/UL/CSA	IEC60335 & IEC61558
1100				PU1100-16C	32	34.38	5	0.2		Class-I	Yes	6 X 9	IEC/EN/UL/CSA	IEC60335 & IEC61558
1100				PU1100-17-1C	34	32.35	5	0.2		Class-I	Yes	6 X 9	IEC/EN/UL/CSA	IEC60335 & IEC61558
1100				PU1100-17C	36	30.56	5	0.2		Class-I	Yes	6 X 9	IEC/EN/UL/CSA	IEC60335 & IEC61558
1100				PU1100-18-1C	42	26.2	5	0.2		Class-I	Yes	6 X 9	IEC/EN/UL/CSA	IEC60335 & IEC61558
1100				PU1100-18C	48	22.92	5	0.2		Class-I	Yes	6 X 9	IEC/EN/UL/CSA	IEC60335 & IEC61558

\* Operating Voltage 90-264VAC \* Operating Temperature 50°C \* Output to PE 707 VDC \* Low Leakage Current

# PoE Application- Dual Outputs

Output Watts		Model FORM	Output 1		Output 2		Structure	PFC	Size	Safety Certificate 62368-1	Design Meet
Convection	Forced Air	PCB	V	A	V	A					
150	200	FSP200-2H35-A54H	54	3	12	3.1	Class-I	Yes	3 x 5	Pending	
	280	FSP280-2F47-A54H	54	4.63	12	2.5	Class-I	Yes	4 x 7	IEC/UL/CSA	
	420	FSP420-2F47-A54H	54	6.85	12	4.2	Class-I	Yes	4 x 7	IEC/UL/CSA	
	550	FSP550-2F37-A54H	54	7.4	12	12.5	Class-I	Yes	3 x 7	Developing	
	950	FSP950-2F37-A54H	54	14.7	12	12.5	Class-I	Yes	3 x 7	Developing	

\* Operating Voltage 90-264Vac. \* Operating Temperature 50°C. \* Output to PE 500 VAC

# Industry Application-Dual Outputs

Output Watts		Model FORM	Output 1		Output 2		Structure	PFC	Size	Safety Certificate 62368-1	Design Meet
Convection	Forced Air	PCB	V	A	V	A					
40		PU42-23A	5	6	12	2	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
40		PU42-25A	5	6	24	1	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
55		PU60-23A	5	6	12	3	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
55		PU60-25A	5	6	24	1.5	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558

\* Operating Voltage AC 90-264VAC \* Operating Temperature 50°C \* Output to PE 707 VDC \* Low Leakage Current

# Industry Application-Triple Outputs

Output Watts		Model FORM	Output 1		Output 2		Output 3		Structure	PFC	Size	Safety Certificate 62368-1	Design Meet
Convection	Forced Air	PCB	V	A	V	A	V	A					
30		PU42-31-3A	3.3	6	5	2	12	0.3	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
30		PU42-31-5A	5	6	3.3	1.5	12	0.3	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
40		PU42-31A	5	6	12	2	-12	0.3	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
40		PU42-32A	5	6	15	1.5	-15	0.3	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
40		PU42-39A	5	6	24	1	-12	0.3	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
37.5		PU60-31-3A	3.3	6	5.2	3	12	0.5	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
47.5		PU60-31-5A	5	6	3.3	1.5	12	0.5	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
55		PU60-31A	5	6	12	3	-12	0.5	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
55		PU60-32A	5	6	15	2.4	-15	0.5	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558
55		PU60-39A	5	6	24	1.5	-12	0.5	Class-I		2 X 4	IEC/EN/UL/CSA	IEC60335 & IEC61558

\* Operating Voltage AC 90-264VAC \* Operating Temperature 50°C \* Output to PE 707 VDC \* Low Leakage Current



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

