



MEDICAL

PC ATX
Adapter
Open Frame

POWER
NEVER ENDS

关于全汉企业

全汉集团是全球电源供应器专业制造领导厂商

自 1993 年成立以来，我们全心投入创新研发能力、生产质量与产能提升，我们用心因而在电源产业中脱颖而出。

全汉集团提供全方位电源供应器，包括适配器、基板电源、LED 照明电源、医疗电源、TV 电源、工业用计算机电源、桌上型计算机电源与服务器电源等，可满足所有 OEM 与 ODM 客户的需求。此外，全汉集团对于友善环境不遗余力，持续开发如太阳能逆变器、不断电系统与新能源等产品。

为提供客户更实时完善的服务，我们布局世界，深耕全球近 30 处的销售据点与维修 (RMA) 中心，提供零时差的在地化服务。全汉集团重视客户的每一个需求，我们提供定制化的产品与优质的服务，只为邀您一起携手前进，共同打造趋势产业的远景与未来。

Power never ends - 全汉集团永续经营的目标

愿景：以创新的服务和优质的产品，为客户、员工与股东创造最大价值

使命：成为全球绿色能源解决方案领导者，深入每个人的生活，为环境做出贡献

PC ATX 产品规格表

Form Factor	Max Wattage	Dimension (mm)	Model No.	Maximum Load (A)								Safety Certificate	
				+3.3V	+5V	+12V1	+12V2	+12V3	-12V	+5Vsb	-5V		
Flex	220	190*82*41	FSP220-60MPC	9	12	14				0.3	2.5	0.3	UL, TUV, CE
Flex	250	190*82*41	FSP250-60MPC	12	14	18				0.3	2.5	0.3	UL, TUV, CE
1U	300	190*100*41	FSP300-70MU	16	18	16	16			0.5	2.5	0.2	UL, VDE, CE
1U	350	190*100*41	FSP350-70MU	16	18	16	16			0.5	2.5	0.2	UL, VDE, CE
1U	400	220*100*41	FSP400M-80PA	18	18	16	16	16		0.5	3.0	0.2	UL, TUV, CE
1U	500	220*100*41	FSP500M-80PA	20	20	16	16	16		0.5	3.0	0.2	UL, TUV, CE
PS2	400	140*150*86	FSP400-70MPD	21	18	18	18			0.5	3.0	0.2	UL, TUV, CE
PS2	400	140*150*86	FSP400-70MPE	32	30	18	18			0.8	3.0	0.2	UL, TUV, CE
PS2	500	140*150*86	FSP500-80MPD	24	20	16	16	16		0.5	3.0	0.2	UL, TUV, CE
PS2	500	140*150*86	FSP500-70MPE	32	30	18	18			0.8	3.0	0.2	UL, TUV, CE
PS2	600	165*150*86	FSP600M-70PB	24	30	25	25			0.5	3.0	0.2	UL, TUV
PS2	700	165*150*86	FSP700M-70PB	24	30	16	16			0.5	3.0	0.2	UL, TUV

Notes: + Input voltage AC 100~240V + 50°C Operation Temperature + Optional -5V output

Wall mount 产品规格表

Max Wattage	Case Dimension (mm)	Model No.			Output Rating		Safety Certificate
		USA	Europe	Interchangeable	V	A	
15	77*45*29	FSP015M-DPU	FSP015M-DPE		5	3.00	UL, CE ^{*2}
18	77*45*29	FSP018M-DRU	FSP018M-DRE		9	2.00	UL, CE ^{*2}
18	77*45*29	FSP018M-DHU	FSP018M-DHE		12	1.50	UL, CE ^{*2}
20	77*45*34	FSP020M-DPU	FSP020M-DPE		5	4.00	UL, CE ^{*2}
20	77*45*34	FSP020M-KPU	FSP020M-KPE	FSP020M-KPM ^{*1}	5	4.00	UL, TUV, CE ^{*2}
27	77*45*34	FSP027M-KSU	FSP027M-KSE	FSP027M-KSM ^{*1}	10	2.70	UL, TUV, CE ^{*2}
30	77*45*34	FSP030M-DHU	FSP030M-DHE		12	2.50	UL, CE ^{*2}
30	77*45*34	FSP030M-KHU	FSP030M-KHE	FSP030M-KHM ^{*1}	12	2.50	UL, TUV, CE ^{*2}
30	77*45*34	FSP030M-KDU	FSP030M-KDE	FSP030M-KDM ^{*1}	18	1.67	UL, TUV, CE ^{*2}
30	77*45*34	FSP030M-KAU	FSP030M-KAE	FSP030M-KAM ^{*1}	24	1.25	UL, TUV, CE ^{*2}

Notes: *1) Dimension 77*45*40 mm *2) UL for USA model, TUV & CE for Europe model

Adapter 产品规格表

Max Wattage	Case Dimension (mm)	Model No.		Output Rating		Input Socket		Safety Certificate
		Class-I	Class-II	V	A	Class-I	Class-II	
25	110*50*32	FSP025M-DPA		5	5.0	C14		UL, TUV, CE
30	110*50*32	FSP030M-DHA		12	2.5	C14		UL, TUV, CE
30	110*50*32	FSP030M-DGA		15	2.0	C14		UL, TUV, CE
30	110*50*32	FSP030M-DDA		18	1.67	C14		UL, TUV, CE
45	114*50*34	FSP045M-DHA		12	3.75	C14		TBC
45	114*50*34	FSP045M-DGA		15	3.0	C14		TBC
45	114*50*34	FSP045M-DBA		19	2.37	C14		TBC
45	114*50*34	FSP045M-DAA		24	1.88	C14		TBC
60	129*59*32	FSP060M-DHA3		12	5.00	C14		TBC
60	129*59*32	FSP060M-DBA3		19	3.16	C14		TBC
60	129*59*32	FSP060M-DAA3		24	2.50	C14		TBC
65	129*51*31	FSP065-DHBM1	FSP065-DHCM1	12	5.42	C6	C8	UL, TUV, CE
65	129*51*31	FSP065-DGBM1	FSP065-DGCM1	15	4.33	C6	C8	UL, TUV, CE
65	129*51*31	FSP065-DBBM1	FSP065-DBCM1	19	3.43	C6	C8	UL, TUV, CE
65	129*51*31		FSP065-DACM1	24	2.71		C8	UL, TUV, CE
65	129*59*32	FSP065M-DHA		12	5.42	C14		UL, TUV, CE
65	129*59*32	FSP065M-DBA		19	3.43	C14		UL, TUV, CE
65	129*59*32	FSP065M-DAA		24	2.71	C14		UL, TUV, CE
90	140*71*22	FSP090-RHBM1	FSP090-RHCM1	12	7.50	C6	C8	UL, TUV, CE
90	140*71*22	FSP090-RBBM1	FSP090-RBCM1	19	4.74	C6	C8	UL, TUV, CE
90	140*71*22	FSP090-RABM1	FSP090-RACM1	24	3.75	C6	C8	UL, TUV, CE
90	145*71*29	FSP090M-RHA		12	7.50	C14		UL, TUV, CE
90	145*71*29	FSP090M-RBA		19	4.74	C14		UL, TUV, CE
90	145*71*29	FSP090M-RAA		24	3.75	C14		UL, TUV, CE
120	175*90*28	FSP120M-KBA	FSP120M-KBC	19	6.32	C14	C8	UL, TUV, CE
120	175*90*28	FSP120M-KAA	FSP120M-KAC	24	5.00	C14	C8	UL, TUV, CE
120	175*90*28	FSP120M-KEA	FSP120M-KEC	36	3.34	C14	C8	UL, TUV, CE
150	170*85*43	FSP150M-AHA		12	12.50	C14		UL, TUV, CE
150	170*85*43	FSP150M-ABA		19	7.89	C14		UL, TUV, CE
150	170*85*43	FSP150M-AAA		24	6.25	C14		UL, TUV, CE
220	204*88*42	FSP250M-KHA	FSP250M-KHD	12	18.34	C14	C18	UL, TUV, CE
250	204*88*42	FSP250M-KBA	FSP250M-KBD	19	13.16	C14	C18	UL, TUV, CE
250	204*88*42	FSP250M-KAA	FSP250M-KAD	24	10.42	C14	C18	UL, TUV, CE
250	204*88*42	FSP250M-KEA	FSP250M-KED	36	6.95	C14	C18	UL, TUV, CE
250	204*88*42	FSP250M-KFA	FSP250M-KFD	48	5.21	C14	C18	UL, TUV, CE

Notes: + Input Voltage AC 100~240V + 40°C Operation Temperature

Open Frame 产品规格表

Max Wattage		Dimension (inch)	Model No.	Output Rating				Form Factor	Safety Certificate	Note
Convection	Forced air			V ₁	A ₁	V ₂	A ₂			
55		2 * 3 * 1.2"	FSP060-1K00M1	5	11.00			PCB	UL, TUV, CE	
60		2 * 3 * 1.2"	FSP060-1K20M1	12	5.00			PCB	UL, TUV, CE	
64		2 * 3 * 1.2"	FSP060-1K30M1	15	4.30			PCB	UL, TUV, CE	
64		2 * 3 * 1.2"	FSP060-1K40M1	24	2.70			PCB	UL, TUV, CE	
55		2 * 3 * 1.2"	FSP060-2K30M1	5	6.00	12	3.00	PCB	UL, TUV, CE	
55		2 * 4 * 1.18"	FSP060-2K50M1	5	6.00	24	1.50	PCB	UL, TUV, CE	
80	100	2 * 4 * 1.18"	FSP100M-K24-12A	12	8.34			PCB	UL, TUV, CE	
80	100	2 * 4 * 1.18"	FSP100M-K24-15A	15	6.67			PCB	UL, TUV, CE	
80	100	2 * 4 * 1.18"	FSP100M-K24-18A	18	5.56			PCB	UL, TUV, CE	
80	100	2 * 4 * 1.18"	FSP100M-K24-24A	24	4.17			PCB	UL, TUV, CE	
80	100	2 * 4 * 1.18"	FSP100M-K24-36A	36	2.78			PCB	UL, TUV, CE	
80	100	2 * 4 * 1.19"	FSP100M-K24-48A	48	2.09			PCB	UL, TUV, CE	
100	150	2 * 4 * 1.19"	FSP150M-K24-12	12	12.50			PCB	UL, TUV, CE	
100	150	2 * 4 * 1.19"	FSP150M-K24-18	18	8.34			PCB	UL, TUV, CE	
100	150	2 * 4 * 1.19"	FSP150M-K24-24	24	6.25			PCB	UL, TUV, CE	
100	150	2 * 4 * 1.19"	FSP150M-K24-36	36	4.17			PCB	UL, TUV, CE	
100	150	2 * 4 * 1.29"	FSP150M-K24-48	48	3.13			PCB	UL, TUV, CE	
150	200	2 * 4 * 1.29"	FSP202-1K20M1	12	16.67			U-Bracket	UL, TUV, CE	
150	200	2 * 4 * 1.29"	FSP202-1K31M1	18	11.12			U-Bracket	UL, TUV, CE	
150	200	2 * 4 * 1.29"	FSP202-1K40M1	24	8.34			U-Bracket	UL, TUV, CE	
150	200	3 * 5 * 1.5"	FSP202-1K70M1	36	5.56			U-Bracket	UL, TUV, CE	
150	200	3 * 5 * 1.5"	FSP202-1K80M1	48	4.17			U-Bracket	UL, TUV, CE	
200	300	3 * 5 * 1.5"	FSP300M-K36-12A	12	25.00	+5Vaux	2.0	PCB	UL, TUV, CE	
200	300	3 * 5 * 1.5"	FSP300M-K36-19A	19	15.80	+5Vaux	2.0	PCB	UL, TUV, CE	
200	300	3 * 6 * 1.38"	FSP300M-K36-24A	24	12.50	+5Vaux	2.0	PCB	UL, TUV, CE	
200	300	3 * 6 * 1.38"	FSP300M-K36-36A	36	8.34	+5Vaux	2.0	PCB	UL, TUV, CE	
200	300	3 * 6 * 1.38"	FSP300M-K36-48A	48	6.25	+5Vaux	2.0	PCB	UL, TUV, CE	
300	400	3 * 6 * 1.38"	FSP400-1K20M1	12	33.34	+5Vaux	0.1	U-Bracket	UL, TUV, CE	
300	400	4 * 7 * 1.58"	FSP400-1K31M1	18	22.23	+5Vaux	0.1	U-Bracket	UL, TUV, CE	
300	400	4 * 7 * 1.58"	FSP400-1K40M1	24	16.67	+5Vaux	0.1	U-Bracket	UL, TUV, CE	
300	400	4 * 7 * 1.58"	FSP400-1K70M1	36	11.12	+5Vaux	0.1	U-Bracket	UL, TUV, CE	
300	400	4 * 7 * 1.58"	FSP400-1K80M1	48	8.34	+5Vaux	0.1	U-Bracket	UL, TUV, CE	
350	450	4 * 7 * 1.7"	FSP500M-K47-12B	12	37.50	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-I design	
400	500	4 * 7 * 1.7"	FSP500M-K47-18B	18	27.78	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-I design	
400	500	4 * 7 * 1.7"	FSP500M-K47-24B	24	20.84	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-I design	
400	500	4 * 7 * 1.7"	FSP500M-K47-28B	28	17.86	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-I design	
400	500	4 * 7 * 1.7"	FSP500M-K47-36B	36	13.89	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-I design	
400	500	4 * 7 * 1.7"	FSP500M-K47-48B	48	10.42	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-I design	
350	450	4 * 7 * 1.7"	FSP500M-K47-A12B	12	37.50	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-II design	
400	500	4 * 7 * 1.7"	FSP500M-K47-A18B	18	27.78	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-II design	
400	500	4 * 7 * 1.7"	FSP500M-K47-A24B	24	20.84	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-II design	
400	500	4 * 7 * 1.7"	FSP500M-K47-A28B	28	17.86	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-II design	
400	500	4 * 7 * 1.7"	FSP500M-K47-A36B	36	13.89	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-II design	
400	500	4 * 7 * 1.7"	FSP500M-K47-A48B	48	10.42	+5Vaux	0.5	U-Bracket	UL, TUV, CE Class-II design	
	600	4 * 8 * 2.58"	FSP600M-K48-12C	12	50.00	+5Vaux	0.2	Box	UL, TUV, CE	
	650	4 * 8 * 2.58"	FSP650M-K48-18C	18	36.12	+5Vaux	0.2	Box	UL, TUV, CE	
	650	4 * 8 * 2.58"	FSP650M-K48-24C	24	27.09	+5Vaux	0.2	Box	UL, TUV, CE	
	650	4 * 8 * 2.58"	FSP650M-K48-28C	28	23.22	+5Vaux	0.2	Box	UL, TUV, CE	
	650	4 * 8 * 2.58"	FSP650M-K48-36C	36	18.06	+5Vaux	0.2	Box	UL, TUV, CE	
	650	4 * 8 * 2.58"	FSP650M-K48-48C	48	13.55	+5Vaux	0.2	Box	UL, TUV, CE	

Notes: + Input Voltage AC 100~240V + 50°C Operation Temperature * Support Class-II

产品类别与优势

PC ATX



- 取得 IEC 60601-1, EN 60601-1, ANSI / AAMI ES 60601-1 医疗安规认证
- 符合 IEC 60601-1-2 EMC 医疗标准
- 符合 Intel ATX 12V 设计规范
- 输出功率 220W~700W
- 外观形式 PS-II, 1U & FLEX

Adapter



- 取得 IEC 60601-1, EN 60601-1, ANSI / AAMI ES 60601-1 医疗安规认证
- 符合 IEC 60601-1-2 EMC 医疗标准
- 完整的产品线及多样输出电压选择
- 高效率符合美国能源总署 DOE, Level VI 节能标准
- 空载条件下低损耗
- 输出功率 15W~250W

Open Frame



- 取得 IEC 60601-1, EN 60601-1, ANSI/AAMI ES 60601-1 医疗安规认证
- 符合 IEC 60601-1-2 EMC 医疗标准
- 完整的产品线及多样输出电压选择
- 输出功率 30W~650W



全汉企业股份有限公司 **FSP TECHNOLOGY INC.**

330桃园市桃园区建国东路22号 电话：+886-3-375-9888 / 传真：+886-3-375-6966

电子邮件：sales@fsp-group.com.tw / 网站：www.fsp-group.com

