

## Medical Adapter

	15W	20W	30W	65W	85W	90W	105W	135W	150W	180W	220W	400W
5V	●	●										
9V												
12V	●		●	●		●		●	●	●		
15V				●		●		●	●			
18V			●	●		●	●	●				●
19V	●			●		●	●	●	●	●	●	
24V	●		●	●		●	●	●	●	●	●	●
28V							●	●		●	●	●
36V							●	●			●	●
48V												●

● Available or in development

### FSP015M Series

Dev



Model	Watts	Output Voltage	Output Current	Efficiency	AC Socket	Dimension(mm)
FSP012M-DPM	12W	5V	2.4A	VI	Interchangeable	76*43.6*40
FSP015M-DHM	15W	12V	1.25A	VI	Interchangeable	76*43.6*40
FSP015M-DBM	15W	19V	0.78A	VI	Interchangeable	76*43.6*40
FSP015M-DAM	15W	24V	0.62A	VI	Interchangeable	76*43.6*40

(1) Interchangeable AC PLUG AVAILABLE: US, EU, UK

### FSP020-030M Series

New



Model	Watts	Output Voltage	Output Current	Efficiency	AC Socket	Dimension(mm)
FSP020M-DPM	20W	5V	4A	VI	Interchangeable	76*43.6*40
FSP030M-DHM	30W	12V	4.33A	VI	Interchangeable	76*43.6*40
FSP030M-DBM	30W	19V	3.43A	VI	Interchangeable	76*43.6*40
FSP030M-DAM	30W	24V	2.71A	VI	Interchangeable	76*43.6*40

(1) Interchangeable AC PLUG AVAILABLE: US, EU, UK

## FSP065 Series



Model	Watts	Output Voltage	Output Current	Efficiency Level	A/C Socket	Dimension(mm)
FSP065-DHCM1	65W	12V	5.42A	V	C8	129*51*31
FSP065-DGCM1	65W	15V	4.33A	V	C8	129*51*31
FSP065-DDCM1	65W	18V	3.62A	V	C8	129*51*31
FSP065-DBCM1	65W	19V	3.43A	V	C8	129*51*31
FSP065-DACM1	65W	24V	2.71A	V	C8	129*51*31
FSP065-DHBM1	65W	12V	5.42A	V	C6	129*51*31
FSP065-DGBM1	65W	15V	4.33A	V	C6	129*51*31
FSP065-DDBM1	65W	18V	3.62A	V	C6	129*51*31
FSP065-DBBM1	65W	19V	3.43A	V	C6	129*51*31
FSP065-DABM1	65W	24V	2.71A	V	C6	129*51*31

(1) 5K meter operation altitude

## FSP065M Series

New



Model	Watts	Output Voltage	Output Current	Efficiency	AC Inlet	Dimension(mm)
FSP065M-DHA	65W	12V	5.42A	VI	C14	129*59*32
FSP065M-DGA	65W	15V	4.33A	VI	C14	129*59*32
FSP065M-DBA	65W	19V	3.43A	VI	C14	129*59*32
FSP065M-DAA	65W	24V	2.71A	VI	C14	129*59*32

## FSP090 Series

New



Model	Watts	Output Voltage	Output Current	Efficiency Level	A/C Socket	Dimension(mm)
FSP090-RHCM1	90W	12V	7.5A	V	C8	140*71*22
FSP090-RDCM1	90W	18V	5A	V	C8	140*71*22
FSP090-RBCM1	90W	19V	4.74A	V	C8	140*71*22
FSP090-RACM1	90W	24V	3.75A	V	C8	140*71*22
FSP090-RHBM1	90W	12V	7.5A	V	C6	140*71*22
FSP090-RDBM1	90W	18V	5A	V	C6	140*71*22
FSP090-RBBM1	90W	19V	4.74A	V	C6	140*71*22
FSP090-RABM1	90W	24V	3.75A	V	C6	140*71*22

(1) 5K meter operation altitude

## FSP090M Series

New



Model	Watts	Output Voltage	Output Current	Efficiency	AC Inlet	Dimension(mm)
FSP090M-RHA	90W	12V	7.5A	VI	C14	145*71*29
FSP090M-RGA	90W	15V	6A	VI	C14	145*71*29
FSP090M-RBA	90W	19V	4.74A	VI	C14	145*71*29
FSP090M-RAA	90W	24V	3.75A	VI	C14	145*71*29

## FSP105 Series



Model	Watts	Output Voltage	Output Current	Peak Current	Efficiency	AC Inlet	Dimension(mm)
FSP105-KBAM1	105W	18~19V	5.84A	11.6A	V	C14	146*75*39
FSP105-KAAM1	105W	24~25V	4.38A	8.7A	V	C14	146*75*39
FSP105-KKAM1	105W	28~29V	3.75A	4.5A	V	C14	146*75*39
FSP105-KEAM1	105W	36~38V	2.92A	3.5A	V	C14	146*75*39

## FSP135 Series



Model	Watts	Output Voltage	Output Current	Peak Current	Efficiency	AC Inlet	Dimension(mm)
FSP135-KHAM1	120W	12V	10A	20A	V	C14	171*72*42
FSP135-KGAM1	130W	14-16V	9.29A	18.6A	V	C14	171*72*42
FSP135-KDAM1	135W	18-19V	7.5A	15A	V	C14	171*72*42
FSP135-KAAM1	135W	24-25V	5.63A	11.3A	V	C14	171*72*42
FSP135-KKAM1	135W	28-29V	4.83A	5.8A	V	C14	171*72*42
FSP135-KEAM1	135W	36-38V	3.75A	4.5A	V	C14	171*72*42

(1) LED indicator.

## FSP150M Series

New



Model	Watts	Output Voltage	Output Current	Efficiency	AC Inlet	Dimension(mm)
FSP150M-AHA	150W	12V	12.5A	VI	C14	170*85*43
FSP150M-AGA	150W	15V	10A	VI	C14	170*85*43
FSP150M-ABA	150W	19V	7.9A	VI	C14	170*85*43
FSP150M-AAA	150W	24V	6.25A	VI	C14	170*85*43

## FSP180 Series



Model	Watts	Output Voltage	Output Current	Efficiency	AC Inlet	Dimension(mm)
FSP180-AHAM1	180W	12V	15A	V	C14	197*88*44
FSP180-ABAM1	180W	19V	9.47A	V	C14	197*88*44
FSP180-AAAM1	180W	24V	7.5A	V	C14	197*88*44
FSP180-AACM1	180W	24V	7.5A	V	C8	197*88*44
FSP180-AKAM1	180W	28V	6.42A	V	C14	197*88*44

(1) Class I and Class II models available.

## FSP220 Series



Model	Watts	Output Voltage	Output Current	Efficiency Level	A/C Socket	Dimension(mm)
FSP200-KBAM1	200W	19V	10.53A	V	C14	197*88*44
FSP220-KAAM1	220W	24V	9.17A	V	C14	197*88*44
FSP220-KKAM1	220W	28V	7.86A	V	C14	197*88*44
FSP220-KEAM1	220W	36V	6.11A	V	C14	197*88*44
FSP200-KBCM1	200W	19V	10.53A	V	C8	197*88*44
FSP220-KACM1	220W	24V	9.17A	V	C8	197*88*44
FSP220-KKCM1	220W	28V	7.86A	V	C8	197*88*44
FSP220-KECM1	220W	36V	6.11A	V	C8	197*88*44

(1) Class I and Class II models available. (2) LED indicator.

## FSP400 Series



Model	Watts	Output Voltage	Output Current	Efficiency Level	A/C Socket	Dimension(mm)
FSP400-KDAM1	400W	18V	22.23A	V	C14	250*120*49.3
FSP400-KAAM1	400W	24V	16.67A	V	C14	250*120*49.3
FSP400-KKAM1	400W	28V	14.29A	V	C14	250*120*49.3
FSP400-KEAM1	400W	36V	11.12A	V	C14	250*120*49.3
FSP400-KFAM1	400W	48V	8.34A	V	C14	250*120*49.3

(1) Build-in fan. (2) LED indicator.

## Medical Open Frame

	35W	45W	50W	60W	100W	150W	200W	250W	300W	400W	500W	600W	700W	1000W
3.3V														
5V	●	●		●	●									
12V	●	●		●	●	●	●		●	●		●		
15V	●	●		●	●	●	●		●	●		●		
18V	●	●			●	●	●		●	●		●		
24V	●	●		●	●	●	●		●	●		●		○
28V					●		●			●		●		
30V						●			●					○
32V														
36V					●	●	●		●	●		●		○
48V				●		●	●		●	●		●		○
57V												●		

● Available or in development    ○ Planning

### FSP035M Series

New



Model	Watts	Output Voltage	Output Current	Input Voltage	Dimension(mm)
FSP030M-B23-05	30W	5V	6A	Full Range	76.2*50.8*28.5
FSP035M-B23-12	35W	12V	2.92A	Full Range	76.2*50.8*28.5
FSP035M-B23-15	35W	15V	2.34A	Full Range	76.2*50.8*28.5
FSP035M-B23-18	35W	18V	1.95A	Full Range	76.2*50.8*28.5
FSP035M-B23-24	35W	24V	1.46A	Full Range	76.2*50.8*28.5
FSP035M-B24-05	35W	5V	7A	Full Range	101.6*50.8*28.5

(1) Optional: L-bracket or enclosed form.

### FSP045M Series

New



Model	Watts	Output Voltage	Output Current	Input Voltage	Dimension(mm)
FSP045M-B24-12	45W	12V	3.75A	Full Range	101.6*50.8*28.5
FSP045M-B24-15	45W	15V	3A	Full Range	101.6*50.8*28.5
FSP045M-B24-18	45W	18V	2.5A	Full Range	101.6*50.8*28.5
FSP045M-B24-24	45W	24V	1.88A	Full Range	101.6*50.8*28.5

(1) Optional: L-bracket or enclosed form.

## FSP060 Series



Model	Watts	Output1		Output2		Output3		Input Voltage	Dimension(mm)
		V1	I1	V2	I2	V3	I3		
FSP060-1K00M1	55W	5V	11A					Full Range	101.6*50.8*30
FSP060-1K20M1	60W	12V	5A					Full Range	101.6*50.8*30
FSP060-1K30M1	64W	15V	4.3A					Full Range	101.6*50.8*30
FSP060-1K40M1	64W	24V	2.7A					Full Range	101.6*50.8*30
FSP060-1K80M1	64W	48V	1.35A					Full Range	101.6*50.8*30
FSP060-2K30M1	55W	5V	8A	12V	3A			Full Range	101.6*50.8*30
FSP060-2K50M1	55W	5V	8A	24V	1.5A			Full Range	101.6*50.8*30

(1) Optional: with cover fitted. (2) Maximum current of V1 of multi-output models can be 8 A at 5 CFM forced air provided by user.

## FSP100 Series



Model	Watts	Output Voltage	Output Current	Input Voltage	Dimension(mm)
FSP100-1K00M1	100W	5V	20A	Auto range	101.6*50.8*32
FSP100-1K20M1	100W	12V	8.34A	Auto range	101.6*50.8*32
FSP100-1K30M1	100W	15V	6.7A	Auto range	101.6*50.8*32
FSP100-1K31M1	100W	18V	5.56A	Auto range	101.6*50.8*32
FSP100-1K40M1	100W	24V	4.2A	Auto range	101.6*50.8*32
FSP100-1K50M1	100W	28V	3.57A	Auto range	101.6*50.8*32
FSP100-1K70M1	100W	36V	2.78A	Auto range	101.6*50.8*32

(1) Optional: L-bracket or enclosed form.

## FSP150M Series



Model	Watts	Output Voltage	Output Current	Input Voltage	Dimension(mm)
FSP150M-K24-12	100W/150W	12V	12.5A	Full Range	101.6*50.8*32.7
FSP150M-K24-15	100W/150W	15V	10A	Full Range	101.6*50.8*32.7
FSP150M-K24-18	100W/150W	18V	8.34A	Full Range	101.6*50.8*32.7
FSP150M-K24-24	100W/150W	24V	6.3A	Full Range	101.6*50.8*32.7
FSP150M-K24-30	100W/150W	30V	5A	Full Range	101.6*50.8*32.7
FSP150M-K24-36	100W/150W	36V	4.17A	Full Range	101.6*50.8*32.7
FSP150M-K24-48	100W/150W	48V	3.1A	Full Range	101.6*50.8*32.7

(1) 100W power without moving air or 150W with 7.5 CFM forced air.

## FSP202 Series



Model	Watts	Output Voltage	Output Current	Input Voltage	Dimension(mm)
FSP202-1K20M1	150W/200W	12V	16.67A	Full Range	127*76*38
FSP202-1K30M1	150W/200W	15V	13.34A	Full Range	127*76*38
FSP202-1K31M1	150W/200W	18V	11.12A	Full Range	127*76*38
FSP202-1K40M1	150W/200W	24V	8.34A	Full Range	127*76*38
FSP202-1K50M1	150W/200W	28V	7.15A	Full Range	127*76*38
FSP202-1K70M1	150W/200W	36V	5.56A	Full Range	127*76*38
FSP202-1K80M1	150W/200W	48V	4.17A	Full Range	127*76*38

(1) Optional: U-Bracket and Cover-and-fan form. (2) U-Bracket version provides 150W power without moving air or 200W with 5.3 CFM forced air. Cover-and-fan version provides 200W power.

## FSP300 Series



Model	Watts	Output 1		Output 2		Input Voltage	Dimension(mm)
		V1	I1	V2	I2		
FSP300-K36-12A	200W/300W	12V	25.00A	+5Vsb	2A	Full Range	152.4*76.2*32.5
FSP300-K36-15A	200W/300W	15V	20.00A	+5Vsb	2A	Full Range	152.4*76.2*32.5
FSP300-K36-19A	200W/300W	19V	15.80A	+5Vsb	2A	Full Range	152.4*76.2*32.5
FSP300-K36-24A	200W/300W	24V	12.50A	+5Vsb	2A	Full Range	152.4*76.2*32.5
FSP300-K36-30A	200W/300W	30V	10.00A	+5Vsb	2A	Full Range	152.4*76.2*32.5
FSP300-K36-36A	200W/300W	36V	8.34A	+5Vsb	2A	Full Range	152.4*76.2*32.5
FSP300-K36-48A	200W/300W	48V	6.25A	+5Vsb	2A	Full Range	152.4*76.2*32.5

(1) Optional: L-Bracket. (2) L-Bracket version provides 200W power without moving air or 300W with 10 CFM forced air.

## FSP400 Series



Model	Watts	Output 1		Output 2		Input Voltage	Dimension(mm)
		V1	I1	V2	I2		
FSP400-1K20M1	300W/400W	12V	33.3A	+5Vsb	0.1A	Full Range	177.8*101.6*40
FSP400-1K30M1	300W/400W	15V	26.67A	+5Vsb	0.1A	Full Range	177.8*101.6*40
FSP400-1K31M1	300W/400W	18V	22.23A	+5Vsb	0.1A	Full Range	177.8*101.6*40
FSP400-1K40M1	300W/400W	24V	16.67A	+5Vsb	0.1A	Full Range	177.8*101.6*40
FSP400-1K50M1	300W/400W	28V	14.29A	+5Vsb	0.1A	Full Range	177.8*101.6*40
FSP400-1K70M1	300W/400W	36V	11.12A	+5Vsb	0.1A	Full Range	177.8*101.6*40
FSP400-1K80M1	300W/400W	48V	8.34A	+5Vsb	0.1A	Full Range	177.8*101.6*40

(1) Optional: U-Bracket and Cover-and-fan form. (2) U-Bracket version provides 300W power without moving air or 400W with 7 CFM forced air. Cover-and-fan version provides 400W power.

## FSP650M Series

Dev



Model	Watts	Output 1		Output 2		Input Voltage	Dimension(mm)
		V1	I1	V2	I2		
FSP650M-K48-12C	600W	12V	50A	+5Vsb	0.2A	Full Range	203.2*101.6*63.5
FSP650M-K48-15C	600W	15V	40A	+5Vsb	0.2A	Full Range	203.2*101.6*63.5
FSP650M-K48-18C	650W	18V	36.12A	+5Vsb	0.2A	Full Range	203.2*101.6*63.5
FSP650M-K48-24C	650W	24V	27.09A	+5Vsb	0.2A	Full Range	203.2*101.6*63.5
FSP650M-K48-28C	650W	28V	23.22A	+5Vsb	0.2A	Full Range	203.2*101.6*63.5
FSP650M-K48-36C	650W	36V	18.06A	+5Vsb	0.2A	Full Range	203.2*101.6*63.5
FSP650M-K48-48C	650W	48V	13.55A	+5Vsb	0.2A	Full Range	203.2*101.6*63.5
FSP650M-K48-57C	650W	57V	11.41A	+5Vsb	0.2A	Full Range	203.2*101.6*63.5

(1) Optional: U-Bracket and Cover-and-fan form.

	150W	200W	220W	250W	300W	350W	400W	500W	600W	700W
Flex			●	●						
1U					●	●		●		
ATX					●		●	●	●	●

## Flex Form Factor

Dimension(L\*W\*H): 190\*81\*40.5 (mm)



Model	Watts	+3.3V	+5V	+12V1	-12V	+5Vsb	-5V	Input Voltage	Safety
<b>FSP220-60MPC</b> 	220W	Min. 0.3A Max. 9A	0.5A 12A	1.5A 14A	0A 0.3A	0A 2A	0A 0.3A	Full Range	UL/cUL, TUV, CB, CE, FCC
(1) The +3.3V and +5V total output shall not exceed 60watts.									
<b>FSP250-60MPC</b> 	250W	Min. 0.3A Max. 12A	0.5A 14A	1A 18A	0A 0.3A	0A 2.5A	0A 0.3A	Full Range	UL/cUL, TUV, CB, CE, FCC
(1) The +3.3V and +5V total output shall not exceed 80watts.									

## 1U Form Factor

Dimension(L\*W\*H): 190\*100\*40.5 (mm)



Model	Watts	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	-5V	Input Voltage	Safety
<b>FSP300-70MU</b> 	300W	Min. 0.5A Max. 16A	0.5A 18A	1A 16A	1A 16A	0A 0.5A	0A 2.5A	0A 0.2A	Full Range	UL/cUL, VDE, CB, CE, FCC
(1) The +12V1 and +12V2 and +5V and +3.3V total output shall not exceed 281W. (2) The +12V1 and +12V2 total output shall not exceed 20A. (3) The +3.3V and +5V total output shall not exceed 120watts.										
<b>FSP350-70MU</b> 	350W	Min. 0.5A Max. 16A	0.5A 18A	1A 16A	1A 16A	0A 0.5A	0A 2.5A	0A 0.2A	Full Range	UL/cUL, VDE, CB, CE, FCC
(1) The +12V1 and +12V2 and +5V and +3.3V total output shall not exceed 331W. (2) The +12V1 and +12V2 total output shall not exceed 24A. (3) The +3.3V and +5V total output shall not exceed 130watts.										

Dimension(L\*W\*H): 220\*100\*40.5 (mm)



Model	Watts	+3.3V	+5V	+12V1	+12V2	+12V3	-12V	+5Vsb	-5V	Input Voltage	Safety
<b>FSP500M-80PA</b> 	500W	Min. 0A Max. 20A	0A 20A	0A 16A	0A 16A	0.1A 16A	0A 0.5A	0A 3A	0A 0.2A	Full Range	UL/cUL, VDE, CB, CE, FCC
(1) The +12V total output shall not exceed 490W. (2) The +3.3V and +5V total output shall not exceed 120watts.											



## ATX Form Factor

Dimension(L\*W\*H): 140\*150\*86 (mm)



Model	Watts	+3.3V	+5V	+12V1	+12V2	+12V3	-12V	+5Vsb	-5V	Input Voltage	Safety
<b>New</b> 	400W	Min.	0.1A	0.1A	0.2A	0A	0A	0A	0A	Full Range	UL/cUL, VDE, CB, CE, CCC, FCC
		Max.	32A	30A	18A	18A	0.5A	3A	0.2A		
(1) The +12V total output shall not exceed 380W. (2) The +3.3V and +5V total output shall not exceed 180 Watts.											
<b>New</b> 	500W	Min.	0.1A	0.1A	0.2A	0A	0.1A	0A	0A	Full Range	UL/cUL, VDE, CB, CE, FCC
		Max.	24A	20A	16A	16A	16A	0.5A	3A		
(1) The +12V total output shall not exceed 450W. (2) The +3.3V and +5V total output shall not exceed 130 Watts.											

Dimension(L\*W\*H): 160\*150\*86 (mm)

Model	Watts	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5Vsb	-5V	Input Voltage	Safety	
	600W	Min.	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A	0A	0.1A	0A	Full Range	UL/cUL, VDE, CB, CE, FCC
		Max.	24A	24A	16A	16A	16A	16A	0.5A	3.5A	0.2A		
(1) The +3.3V and +5V total output shall not exceed 160watts. (2) Fan size: 8cm													
	700W	Min.	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A	0A	0.1A	0A	Full Range	UL/cUL, VDE, CB, CE, FCC
		Max.	24A	30A	16A	16A	16A	16A	0.5A	3.5A	0.2A		
(1) The +3.3V and +5V total output shall not exceed 180watts. (2) The +12V1 and +12V2 and +12V3 and +12V4 total output shall not exceed 50A. (3) Fan size: 8cm													

## PSU with Battery Charger

Dimension(L\*W\*H): 140\*150\*86 (mm)

### ATX with Battery Charger



Model	Watts		+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5Vsb	Input Voltage
FSP450-60MUA	450W	Min.	0A	0A	0A	0A			0A	0A	Full Range
		Max.	20A	20A	16A	16A			0.5A	2A	
(1) The +12V total output shall not exceed 350W. (2) The +3.3V and +5V total output shall not exceed 120watts.											
FSP550-70MUA	550W	Min.	0A	0A	0A	0A	0A		0A	0A	Full Range
		Max.	20A	20A	16A	16A	16A		0.5A	3A	
(1) The +12V total output shall not exceed 430W. (2) The +3.3V and +5V total output shall not exceed 120watts.											
FSP650-80UMP	650W	Min.	0.5A	0.3A	0.2A	0.05A	0.1A	0.1A	0A	0A	Full Range
		Max.	24A	24A	16A	16A	16A	16A	0.5A	3A	
(1) The +12V total output shall not exceed 430W. (2) The +3.3V and +5V total output shall not exceed 150watts.											

### OF w/ Battery Charger



Model	Watts	Output 1		Output 2		Input Voltage	Dimension(mm)
		V1	I1	V2	I2		
FSP400M-U48-18C	400W/300W	18V	22.10A	+5Vsb	0.35A	Full Range	197.6*101.6*40.5
FSP400M-U48-24C	400W/300W	24V	16.60A	+5Vsb	0.35A	Full Range	197.6*101.6*40.5

(1) Optional: L-Bracket. (2) L-Bracket version provides 300W power without moving air or 400W with 10 CFM forced air.