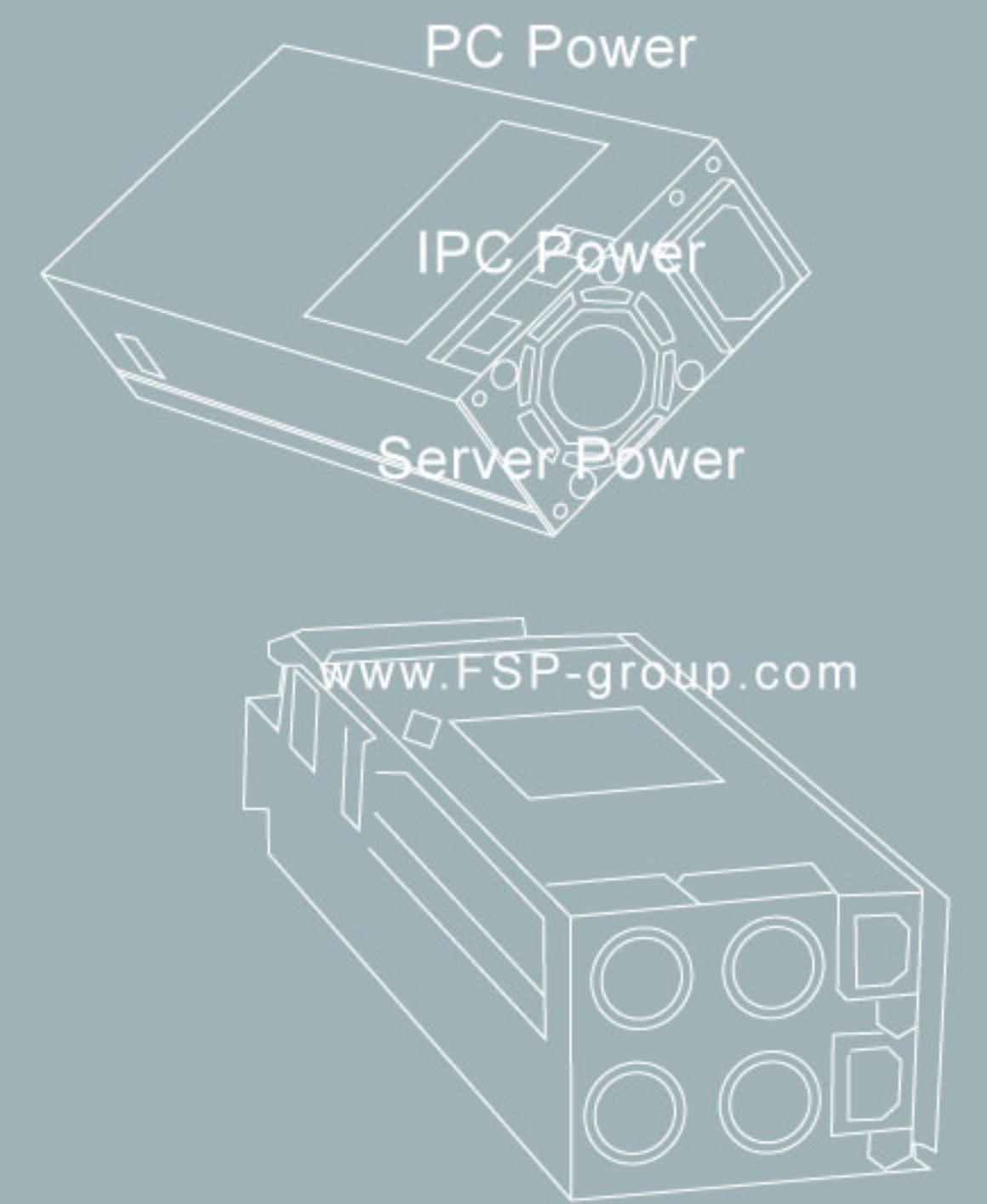
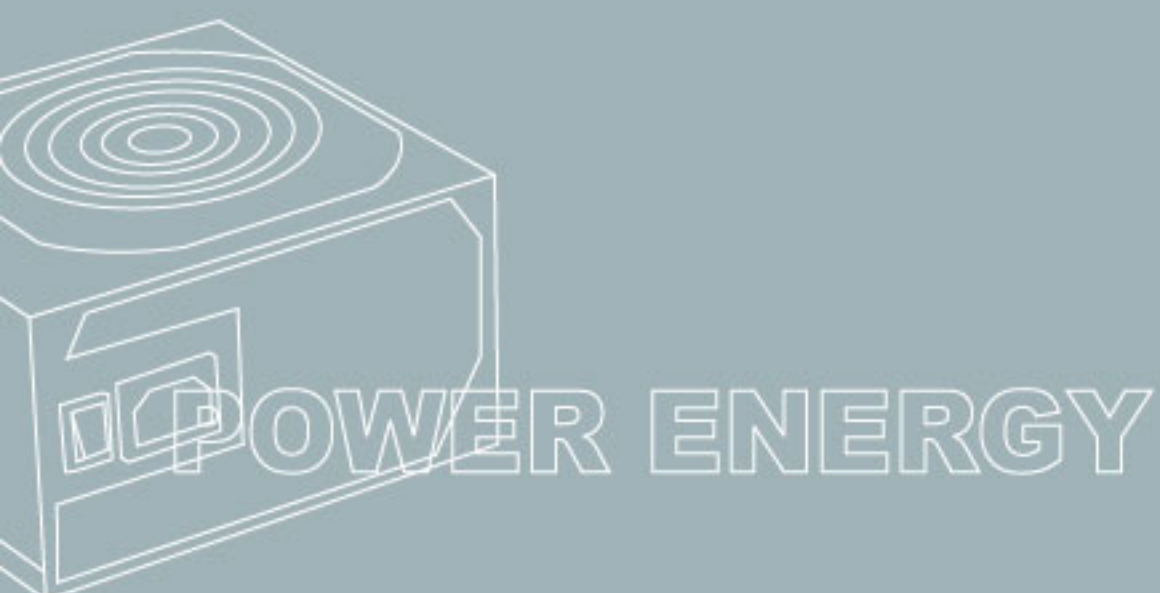




POWER ENERGY

Resourceful Pathfinder of the Power world





www.FSP-group.com

POWER ENERGY

PC Power
IPC Power
Server Power



For ATX PC

ATX 12V ver. 2.01

new



Model Name	Output Voltage							Watts	PFC	Input Voltage	Safety Approved
	+3.3V	+5V	+12V ₁	+12V ₂	-12V	+5Vsb					
ATX-300PA	Min. 0.5A	1.0A	1.0A	1.0A	0.0A	0.0A	300W	N/A	110-127/220-240VAC	UL, CSA, TÜV, NEMKO, CB, FCC	
ATX-300PAF	Max. 20.0A	20.0A	16.0A	16.0A	0.8A	2.0A					Passive PFC
(1) +3.3V & +5V total output not exceed 120W (2) +12V ₁ & +12V ₂ total output not exceed 264W											
ATX-350PA	Min. 0.5A	1.0A	1.0A	1.0A	0.0A	0.0A	350W	N/A	110-127/220-240VAC	UL, CSA, TÜV, NEMKO, CB, FCC	
ATX-350PAF	Max. 22.0A	21.0A	18.0A	16.0A	0.3A	2.0A					Passive PFC
(1) +3.3V & +5V total output not exceed 130W (2) +12V ₁ & +12V ₂ total output not exceed 300W											
ATX-400PA	Min. 0.5A	1.0A	1.0A	1.0A	0.0A	0.0A	400W	N/A	110-127/220-240VAC	UL, CSA, TÜV, NEMKO, CB, FCC	
ATX-400PAF	Max. 30.0A	28.0A	18.0A	18.0A	0.5A	2.0A					Passive PFC
Dimension: 140.0(L) x 150.0(W) x 86.0(H) mm (1) +3.3V & +5V total output not exceed 150W (2) +12V ₁ & +12V ₂ total output not exceed 348W											

new



Model Name	Output Voltage							Watts	PFC	Input Voltage	Safety Approved
	+3.3V	+5V	+12V ₁	+12V ₂	-12V	+5Vsb					
ATX-300PN	Min. 0.5A	1.0A	1.0A	1.0A	0.0A	0.0A	300W	N/A	110-120/220-240VAC	UL, CSA, TÜV, NEMKO, CB, FCC	
ATX-300PNF	Max. 20.0A	20.0A	16.0A	16.0A	0.8A	2.0A					Passive PFC
(1) +3.3V & +5V total output not exceed 120W (2) +12V ₁ & +12V ₂ total output not exceed 264W											
ATX-350PN	Min. 0.5A	1.0A	1.0A	1.0A	0.0A	0.0A	350W	N/A	110-120/220-240VAC	UL, CSA, TÜV, NEMKO, CB, FCC	
ATX-350PNF	Max. 22.0A	21.0A	18.0A	16.0A	0.3A	2.0A					Passive PFC
(1) +3.3V & +5V total output not exceed 130W (2) +12V ₁ & +12V ₂ total output not exceed 300W											
ATX-400PN	Min. 0.5A	0.3A	1.0A	1.0A	0.0A	0.0A	400W	N/A	110-120/220-240VAC	UL, CSA, TÜV, NEMKO, CB, FCC	
ATX-400PNF	Max. 30.0A	28.0A	18.0A	18.0A	0.5A	2.0A					Passive PFC
Dimension: 140.0(L) x 150.0(W) x 86.0(H) mm (1) +3.3V & +5V total output not exceed 150W (2) +12V ₁ & +12V ₂ total output not exceed 348W											

new



Model Name	Output Voltage							Watts	PFC	Input Voltage	Safety Approved
	+3.3V	+5V	+12V ₁	+12V ₂	-12V	+5Vsb					
FSP250-60GLC	Min. 0.5A	0.3A	1.0A	1.0A	0.0A	0.0A	250W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, CB, CE	
	Max. 17.0A	18.0A	8.0A	14.0A	0.5A	2.0A					(1) +3.3V & +5V total output not exceed 130W (2) +3.3V & +5V & +12V ₁ & +12V ₂ total output not exceed 230W
FSP300-60GLC	Min. 0.5A	0.3A	1.0A	1.0A	0.0A	0.0A	300W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, CB, CE	
	Max. 20.0A	20.0A	8.0A	14.0A	0.5A	2.0A					(1) +3.3V & +5V total output not exceed 130W (2) +3.3V & +5V & +12V ₁ & +12V ₂ total output not exceed 280W
FSP350-60GLC	Min. 0.5A	0.3A	1.0A	1.0A	0.0A	0.0A	350W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, CB, CE	
	Max. 22.0A	21.0A	10.0A	15.0A	0.5A	2.0A					(1) +3.3V & +5V total output not exceed 150W (2) +3.3V & +5V & +12V ₁ & +12V ₂ total output not exceed 330W
FSP400-60GLC	Min. 0.5A	0.3A	1.0A	1.0A	0.0A	0.0A	400W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, CB, CE	
	Max. 30.0A	30.0A	14.0A	15.0A	0.5A	2.0A					(1) +3.3V & +5V total output not exceed 152W (2) +3.3V & +5V & +12V ₁ & +12V ₂ total output not exceed 380W
FSP460-60GLC	Min. 0.5A	0.3A	1.0A	1.0A	0.0A	0.0A	460W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, CB, CE	
	Max. 30.0A	30.0A	16.0A	18.0A	0.5A	2.0A					(1) +3.3V & +5V total output not exceed 152W (2) +3.3V & +5V & +12V ₁ & +12V ₂ total output not exceed 440W
Dimension: 125.0(L) x 100.0(W) x 63.5(H) mm (1) +3.3V & +5V total output not exceed 152W (2) +3.3V & +5V & +12V ₁ & +12V ₂ total output not exceed 440W											

POWER ENERGY

PC Power
IPC Power
Server Power



Output Voltage											
Model Name	+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved	
FSP350-601U	Min.	0.3A	2.0A	1.0A	0.0A	0.0A	0.0A	350W	Active PFC	Full Range Input	VDE, UL, CSA, NEMKO
	Max.	20.0A	25.0A	20.0A	0.8A	0.3A	2.0A				

Dimension: 220.0(L) x 100.0(W) x 40.5(H) mm (1) +3.3V & +5V total output not exceed 157W (2) +3.3V & +5V & +12V total output not exceed 330W



Output Voltage											
Model Name	+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved	
FSP300-602U	Min.	0.3A	2.0A	0.2A	0.0A	0.0A	0.0A	300W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, FCC, CE, EMC
	Max.	20.0A	30.0A	15.0A	0.8A	0.3A	2.0A				

Dimension: 220.0(L) x 84.0(W) x 83.0(H) mm (1) +3.3V & +5V total output not exceed 160W (2) +3.3V & +5V & +12V total output not exceed 280W

EPS 1U

(Support Intel Nocona CPU)



Output Voltage											
Model Name	+3.3V	+5V	+12V1	+12V2	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved
FSP400-621U	Min.	0.5A	0.5A	1.0A	1.0A	0.0A	0.0A	0.0A	400W	Active PFC	Full Range Input
	Max.	30.0A	30.0A	14.0A	12.0A	0.8A	0.3A	2.0A			

Dimension: 300.0(L) x 106.0(W) x 40.0(H) mm (1) +3.3V & +5V total output not exceed 200W (2) -5V & -12V total output not exceed 10W (3) +3.3V & +5V & +12V total output not exceed 380W

(Support Intel Nocona CPU)



Output Voltage											
Model Name	+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved	
FSP460-601U	Min.	0.5A	0.5A	2.0A	0.0A	0.0A	0.0A	460W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, FCC, CE, EMC
	Max.	30.0A	30.0A	32.0A	0.8A	0.3A	2.0A				

Dimension: 300.0(L) x 106.0(W) x 40.0(H) mm (1) +3.3V & +5V total output not exceed 200W (2) -5V & -12V total output not exceed 10W (3) +3.3V & +5V & +12V total output not exceed 440W

(Support Intel Nocona CPU)



Output Voltage												
Model Name	+3.3V	+5V	+12V1	+12V2	+12V3	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved
FSP460-631U	Min.	0.5A	0.5A	1.0A	0.5A	0.5A	0.0A	0.0A	0.0A	460W	Active PFC	Full Range Input
	Max.	30.0A	30.0A	16.5A	12.0A	8.0A	0.8A	0.3A	2.0A			

Dimension: 300.0(L) x 106.0(W) x 40.0(H) mm (1) +3.3V & +5V total output not exceed 200W (2) -5V & -12V total output not exceed 10W (3) +3.3V & +5V & +12V total output not exceed 440W

EPS 1U Rev. 2.1

(Support Intel Nocona CPU)



Output Voltage												
Model Name	+3.3V	+5V	+12V1	+12V2	+12V3	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved
FSP500-80BU	Min.	0.2A	0.5A	0.2A	0.2A	0.2A	0.0A	0.0A	0.0A	500W	Active PFC	Full Range Input
	Max.	30.0A	30.0A	18.0A	15.0A	15.0A	0.8A	0.3A	2.0A			

Dimension: 250.0(L) x 100.0(W) x 40.5(H) mm (1) +3.3V & +5V total output not exceed 220W (2) +12V1 & +12V2 & +12V3 total output not exceed 40A (3) -5V & -12V total output not exceed 10W (4) +3.3V & +5V & +12V total output not exceed 480W

new

Output Voltage

Model Name	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved	
FSP350-601UA	Min.	0.5A	0.5A	1.0A	1.0A	0.0A	0.1A	350W	Active PFC	115/230VAC	UL, CSA, NEMKO, VDE, CE
	Max.	20.0A	25.0A	18.0A	16.0A	0.8A	2.0A				

Dimension: 190.0(L) x 100.0(W) x 40.5(H) mm (1) +3.3V & +5V total output not exceed 150W (2) +3.3V & +5V & +12V1 & +12V2 total output not exceed 330W



EPS 2U Rev. 2.0

(Support Intel Nocona CPU)

Output Voltage													
Model Name	+3.3V	+5V	+12V1	+12V2	+12V4	+12V3	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved
FSP550-802U	Min.	0.5A	0.5A	0.3A	0.3A	0.5A	0.3A	0.0A	0.0A	550W	Active PFC	Full Range Input	VDE, UL, CSA, NEMKO, FCC, CE
	Max.	30.0A	30.0A	10.5A	10.5A	14.0A	8.0A	0.8A	0.3A				

(1) +3.3V & +5V total output not exceed 200W (2) +3.3V & +5V & +12V total output not exceed 530W / -5V Optional



Output Voltage													
Model Name	+3.3V	+5V	+12V1	+12V2	+12V4	+12V3	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved
FSP650-802U	Min.	0.5A	0.5A	0.3A	0.3A	0.5A	0.3A	0.0A	0.0A	650W	Active PFC	Full Range Input	VDE, UL, CSA, NEMKO, BSMI, FCC, CE
	Max.	30.0A	30.0A	12.5A	12.5A	14.0A	8.0A	0.8A	0.3A				

Dimension: 300.0(L) x 106.0(W) x 82.2(H) mm (1) +3.3V & +5V total output not exceed 220W (2) +3.3V & +5V & +12V total output not exceed 630W / -5V Optional

ERP 12V

Output Voltage

Model Name	+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	Input Voltage	Safety Approved	
FSP300-60GRA	Min.	0.2A	4.0A	1.0A	0.0A	0.0A	300W	115/230VAC	UL, CSA, NEMKO, FCC	
	Max.	14.0A	30.0A	12.0A	0.5A	0.3A				0.8A

Dimension: 183.3(L) x 152.5(W) x 216.0(H) mm (1) +3.3V & +5V total output not exceed 150W



Output Voltage

Model Name	+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved	
FSP700-62R01 Two modules (FSP350-62R01)	Min.	0.5A	0.5A	0.2A	0.0A	0.0A	350W x 2	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, BSMI, FCC, CE, C-Tick	
	Max.	28.0A	33.0A	15.0A	0.8A	0.3A					2.0A

Dimension: 230.0(L) x 170.0(W) x 86.0(H) mm (1) +3.3V & +5V total output not exceed 220W (2) +3.3V & +12V total output not exceed 250W



ERP 2U Rev. 1.1

Output Voltage

Model Name	+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved	
FSP600-60BR3 (FSP350-62R01)	Min.	0.66A	3.3A	2.2A	0.0A	0.0A	600W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, BSMI, FCC, CE, EMC, C-tick	
	Max.	40.0A	50.0A	32.0A	1.2A	0.6A					2.5A

Dimension: 290.0(L) x 150.0(W) x 86.0(H) mm (1) The total outputs of module parallel operation for +5V and +3.3V is limited to under 157*0.9W. (2) The total outputs of module parallel operation is limited to under 300*0.9W.



Output Voltage

Model Name	+3.3V	+5V	+12V	-12V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved	
FSP350-50BR2	Min.	0.3A	1.5A	1.0A	0.0A	0.0A	350W	Active PFC	Full Range Input	UL, CSA, TÜV, NEMKO, BSMI, FCC, CE, EMC
	Max.	28.0A	30.0A	15.0A	0.8A	2.5A				

Dimension: 225.0(L) x 150.0(W) x 86.0(H) mm (1) +3.3V & +5V total output not exceed 157W (2) +3.3V & +5V & +12V total output not exceed 330W





DC-DC



Output Voltage										
Model Name		+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	Input Voltage	Safety Approved
FSP150-60DL(48V)	Min.	0.0A	0.0A	0.0A	0.0A	0.0A	0.0A	150W	18 to 32 VDC	UL, CSA, TÜV, NEMKO, FCC, CE, CCC, EMC
	Max.	10.0A	14.0A	4.2A	0.3A	0.3A	2.0A			
(1) +3.3V & +5V total output not exceed 85W (2) +3.3V & +5V & +12V total output not exceed 135W										
FSP150-60DL(24V)	Min.	0.0A	1.5A	0.2A	0.0A		0.0A	150W	18 to 32 VDC	UL, CSA, TÜV, NEMKO, FCC, CE, CCC, EMC
	Max.	10.0A	14.0A	4.2A	0.3A		2.0A			
Dimension: 150.0(L) x 81.5(W) x 40.5(H) mm (1) +3.3V & +5V total output not exceed 85W (2) +3.3V & +5V & +12V total output not exceed 135W										



Output Voltage										
Model Name		+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	Input Voltage	Safety Approved
FSP300-60DL(48V)	Min.	0.3A	0.3A	0.0A	0.0A	0.0A	0.0A	300W	36-72VDC	UL, CSA, TÜV, FCC, CE
	Max.	28.0A	30.0A	15.0A	0.8A	0.3A	2.0A			
(1) +3.3V & +5V total output not exceed 180W (2) +3.3V & +5V & +12V total output not exceed 280W										
FSP400-60DL(48V)	Min.	0.3A	0.1A	0.0A	0.0A	0.0A	0.0A	400W	36-72VDC	UL, CSA, TÜV, FCC, CE
	Max.	28.0A	40.0A	15.0A	0.8A	0.3A	2.0A			
Dimension: 140.0(L) x 150.0(W) x 86.0(H) mm (1) +3.3V & +5V total output not exceed 235W (2) +3.3V & +5V & +12V total output not exceed 380W										



Medical Power Supply

Output Voltage											
Model Name		+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved
FSP200-60MD	Min.	0.0A	1.5A	0.1A	0.0A	0.0A	0.0A	200W	Passive PFC optional	100-120/200-240VAC	VDE, UL, FCC
	Max.	14.0A	18.0A	6.0A	0.5A	0.3A	2.0A				
(1) +3.3V & +5V total output not exceed 110W											
FSP300-60MD	Min.	0.2A	1.5A	0.0A	0.0A	0.0A	0.0A	300W	Passive PFC optional	100-120/200-240VAC	VDE, UL, FCC
FSP300-60MD(PF)	Max.	14.0A	30.0A	10.0A	0.8A	0.3A	2.0A				
Dimension: 140.0(L) x 150.0(W) x 86.0(H) mm (1) +3.3V & +5V total output not exceed 160W (2) +3.3V & +5V & +12V total output not exceed 280W											



Output Voltage										
Model Name		+3.3V	+5V	+12V	-12V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved
FSP180-50MP	Min.	0.3A	0.5A	1.5A	0.0A	0.0A	180W	Active PFC	Full Range Input	VDE, UL, CSA, BSMI, FCC, CCC, CE, EMC
	Max.	16.8A	12.0A	12.0A	0.8A	2.0A				
Dimension: 190.0(L) x 81.5(W) x 40.5(H) mm (1) +3.3V & +5V total output not exceed 61W (2) +3.3V & +5V & +12V total output not exceed 165W										

new



Output Voltage												
Model Name		+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	-5V	Watts	PFC	Input Voltage	Safety Approved
FSP400-70MP	Min.	0.5A	0.3A	1.0A	1.0A	0.0A	0.0A	0.0A	400W	Active PFC	Full Range Input	CE, EMC, FCC, CB, VDE
	Max.	30.0A	30.0A	17.0A	17.0A	0.8A	2.0A	0.3A				
Dimension: 140.0(L) x 150.0(W) x 86.0(H) mm (1) +3.3V & +5V total output not exceed 180W (2) +3.3V & +5V & +12V total output not exceed 380W												



Output Voltage										
Model Name		+3.3V	+5V	+12V	-12V	+5Vsb	Watts	PFC	Input Voltage	Safety Approved
FSP200-50NIV	Min.	0.3A	2.0A	0.2A	0.0A	0.0A	200W	Passive PFC	230VDC	VDE, UL, FCC, CE, EMC
	Max.	16.7A	16.0A	10.0A	0.3A	2.0A				
Dimension: 100.0(L) x 125.0(W) x 76.4(H) mm (1) +3.3V & +5V total output not exceed 85W (2) +3.3V & +5V & +12V total output not exceed 135W										