

# SWITCH MODE POWER SUPPLY

## ATX 12V v2.31 and EPS 12V Compliant

SSP-551FCP5 / SSP-651FCP5



### FEATURES:

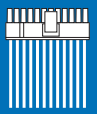

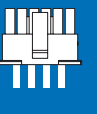
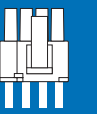


- ✓ Super-high Efficiency, 80 PLUS® Platinum Certified
- ✓ Fixed cables
- ✓ DC to DC converter design
- ✓ Low ripple and noise
- ✓ Super low noise fan control (S<sup>2</sup>FC)
- ✓ Short circuit protection on all outputs
- ✓ Over voltage protection
- ✓ Over power protection

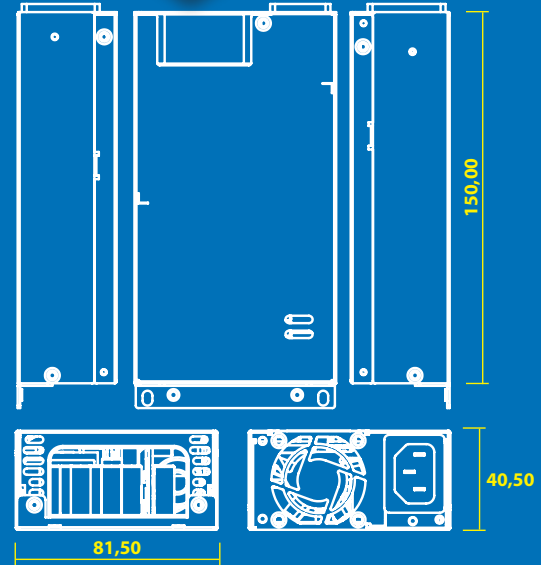
### ELECTRICAL SPECIFICATIONS:

Model	DC Outputs					Total Power	Input Type
	+3.3 V	+5 V	+12V	-12V	+5 Vsb		
SSP-551FCP5	20 A	20 A	45.8 A	0.3 A	3 A	550 W	100-240 VAC
	100 W		549.6 W	3.6 W	15 W		
SSP-651FCP5	20 A	20 A	54 A	0.3 A	3 A	650 W	100-240 VAC
	100 W		648 W	3.6 W	15 W		

Input frequency	50 - 60 Hz
Inrush current, cold start	100 A max.
Efficiency	80 PLUS® Platinum
Line regulation	± 1 % (typical)
Load regulation	± 5 % (typical)
Cross regulation	± 5 % (typical)
Ripple / Noise	1 %
MTBF, full load @ 25 °C ambient (excl. DC fan)	> 100,000 hours
Active Power Factor Correction	95 % (typical)

### CONNECTORS:

Cable						
Model	MotherBoard (20+4 Pins) 250 mm	CPU (4 + 4 Pins) 330 mm	CPU (8 Pins) 250 mm	PCIe (6+2 Pins) 500 mm	SATA 350 mm	Molex 350 mm
SSP-551FCP5	1	1	1	2	4	3
SSP-651FCP5	1	1	1	2	4	3



### Dimensions:

150 mm (L) x 81.5 mm (W) x 40.6 mm (H)  
(5.9" x 3.2" x 1.6")

### Safety and EMI/EMC:

CB	cUL	CCC
✓	✓	✓
cTUVus	TUV	BSMI
–	✓	✓

### EMI/EMC:

CE	FCC	RCM
✓	✓	✓



SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.