

# SWITCH MODE POWER SUPPLY

## TFX 12 V v2.31

### SSP-300/250TBS ACTIVE PFC F0



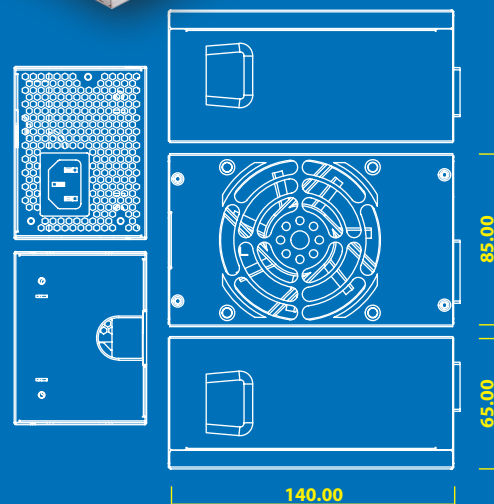
### FEATURES:

- ✓ SATA-ready
- ✓ High efficiency and reliability
- ✓ Super low noise fan control
- ✓ Short circuit protection on all outputs
- ✓ Over voltage protection
- ✓ Over power protection
- ✓ Fanless Mode (up to 30% load)

### ELECTRICAL SPECIFICATIONS:

Model	DC outputs						Total Power	Input Type
	+3.3 V	+5 V	+12 V <sup>1</sup>	+12 V <sup>2</sup>	-12 V	+5 Vsb		
SS-300TBS Active PFC F0	20 A	20 A	18 A	18 A	0.8 A	2 A	300 W	100-240 VAC
	110 W		252 W		9.6 W	10 W		
SS-250TBS Active PFC F0	14 A	17 A	12 A	12 A	0.8 A	2 A	250 W	100-240 VAC
	110 W		216 W		9.6 W	10 W		

Input frequency	47 Hz ~ 63 Hz
Inrush current, cold start	100 A max.
Efficiency	80 PLUS <sup>®</sup> Bronze
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)



### Dimensions:

140 mm (L) x 85 mm (W) x 65 mm (H)  
(5.5" x 3.3" x 2.6")

### Safety:

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

### EMI/EMC:

CE	FCC	RCM
✓	✓	✓

