SilverStone®

Designing Inspiration

Strider Plus
Power supplies

WITH EXCELLENT COMBINATION OF FEATURES, EFFICIENCY, AND DURABILITY

700W / 600 W / 500W

Special Features

- High efficiency with 80 PLUS Bronze certification
- 24/7 continuous power output with 40℃ operating temperature
- 100% modular cables
- Class-leading single +12V rail
- Strict ±3% voltage regulation and low ripple & noise
- Silent running 120mm fan with 18dBA
- PCI-E 8pin and PCI-E 6pin connectors support
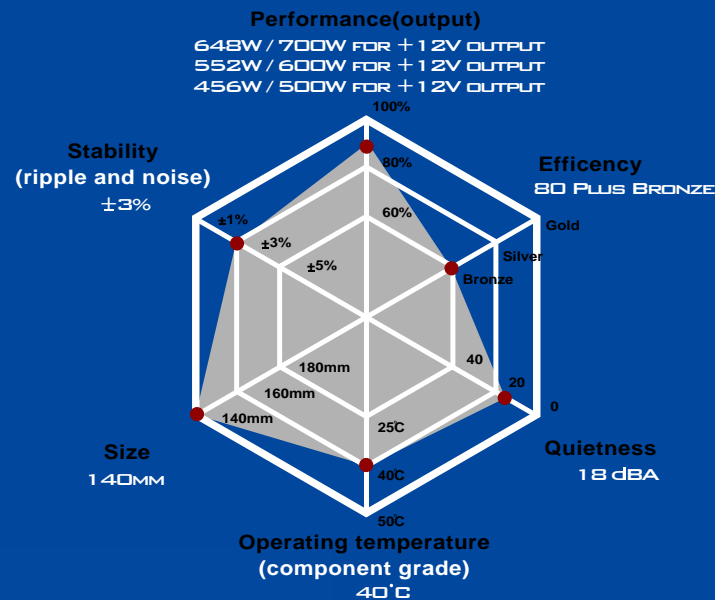
80 PLUS® BRONZE

Introduction

The Strider series is the most versatile and time-proven line of power supply products from SilverStone with models rated from 500W to 1500W and packed with innovative features. To build on this impressive lineup, SilverStone engineered a new generation of power supplies that combine more features than ever before. The Strider Plus ST50F-P boasts the important features professionals and enthusiasts crave:

- High efficiency: 80 PLUS Bronze level
- Compact size (140mm depth) to fit in nearly any system
- Class-leading powerful single +12V rail with 34A
- Quiet and cool 120mm fan

The versatility of these power supplies extends to the 100% modular cables with all the important connectors to support current and future graphics card specifications.

For enthusiasts that are looking for the power supply with all the right features to make a high performing and aesthetically pleasing system, the Strider Plus series reaches the goal with maximum satisfaction.

Performance(output)
648W / 700W for +12V output
552W / 600W for +12V output
456W / 500W for +12V output

Stability (ripple and noise) ±3%

Efficency 80 Plus Bronze

Size 140mm

Operating temperature (component grade) 40°C

Quietness 18 dBA

86mm / 140mm / 150mm

Specifications

Model No.	SST-ST70F-PB / SST-ST60F-PB / SST-ST50F-PB	Color	Black (lead-free paint)
Input Frequency Range	47Hz ~ 63Hz	Cooling System	Single 120mm silent fan
PFC	Active PFC（PF>0.95 at full load）	Noise Level	18 dBA minimum
Efficiency	82% ~ 85%（20% to 100% loading）	Dimension	150 mm (W) × 86 mm (H) × 140 mm (D)
MTBF	100,000 hours	Weight	2.0 kg
Operating temperature	0℃ ~ 40℃	Form Factor	ATX

STRIDER PLUS

Power supplies with excellent combination of features, efficiency, and durability

ST70F-PB / ST60F-PB / ST50F-PB

Model No.	MB 24 / 20P	CPU 4 + 4P	PCI-E 6 + 2P	PCI-E 6P	SATA	PERIPHERAL 4P	FLOPPY 4P
SST-ST70F-PB	x1	x1	x4	--	x8	x3	x1
SST-ST60F-PB	x1	x1	x2	x2	x8	x3	x1
SST-ST50F-PB	x1	x1	x2	-	x8	x3	x1

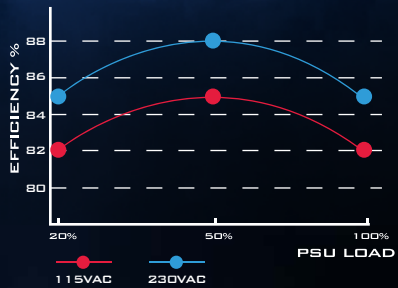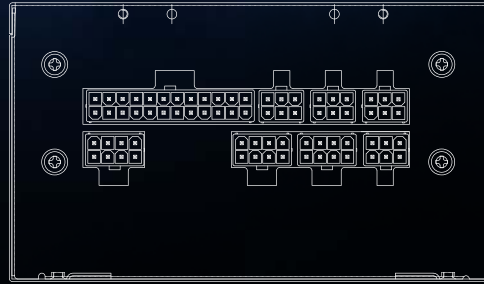| Model No.	Max. output	+3.3V	+5V	+12V	-12V	+5Vsb
SST-ST70F-PB	700W	22A	18A	54A	0.3A	2.5A
		130W		648W	3.6W	12.5W
SST-ST60F-PB	600W	20A	17A	46A	0.3A	2.5A
		120W		552W	3.6W	12.5W
SST-ST50F-PB	500W	18A	16A	38A	0.3A	2.5A
		110W		456W	3.6W	12.5W

Strider Plus

Power supplies with excellent combination of features, efficiency, and durability
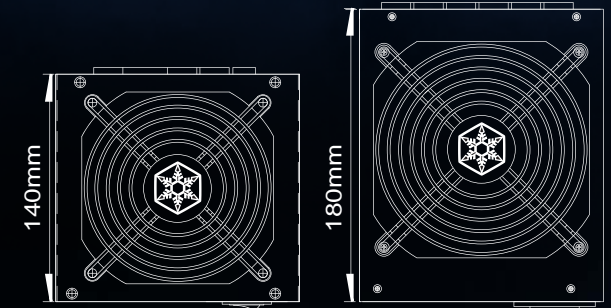
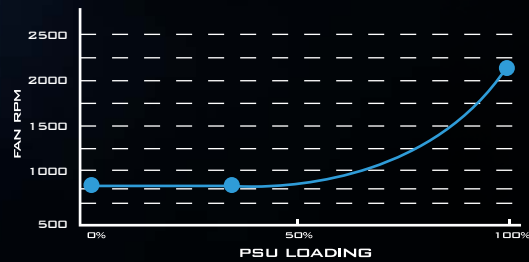Designed for 80 PLUS Bronze level of efficiency to reduce wasted heat and save on electricity

100% moudlar cable design for use with short cable kit such as SilverStone's PP05 or for easy removal in a case with cable routed and tied down
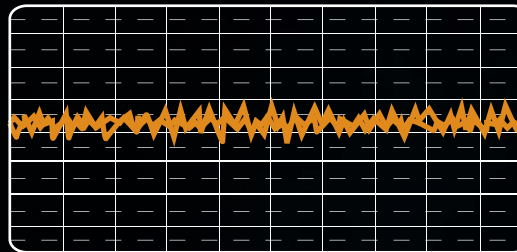

140mm depth sets new standard for high wattage PSUs with modular cables

Built-in 120mm fan has excellent airflow and low noise, perfect for quiet home or office use

±3% regulation and low ripple & noise performance for high stability

Flat cables have much greater flexibility to allow for tighter folding and management of cables

Powerful single +12V rail design, perfect for future high-end component upgrades or overclocking

Powerful single +12V

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