

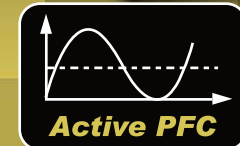


**SILVERSTONE**<sup>®</sup>  
Designing Inspiration

## STRIDER ESSENTIAL GOLD

THE ESSENTIAL GOLD STANDARD

# 500W / 600W / 700W



### Special Features:

- High efficiency with 80 PLUS Gold certification
- 24/7 continuous power output with 40°C operating temperature
- Class-leading single +12V rail
- Strict  $\pm 3\%$  voltage regulation and low ripple & noise
- Multiple protection circuitry
- PCI-E 8pin and PCI-E 6pin connectors support
- Built-in silent & durable bearing HYB fan
- Active PFC

Model No. SST-ST50F-ESG

SST-ST60F-ESG

SST-ST70F-ESG

[www.silverstonetek.com](http://www.silverstonetek.com)

# STRIDER ESSENTIAL GOLD

THE ESSENTIAL GOLD STANDARD **500W 600W 700W**



## Specifications

Color : black (lead-free paint)

Cooling System : Single 120mm HYB fan

Noise Level : 18 dBA minimum

Weight : 1.95 kg

Dimension : 150 mm (W) x 86 mm (H) x 140 mm (D)

MTBF : 100,000 hours

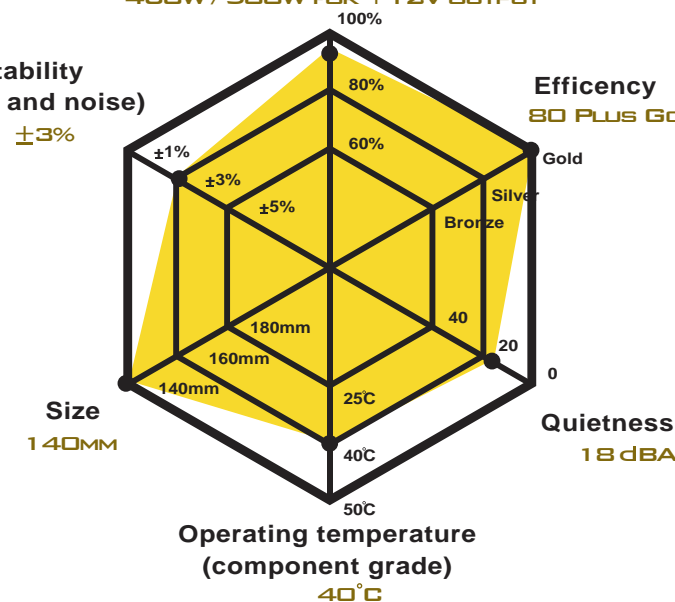
Operating temperature : 0 ~ 40°C

Model No.	Max. output	+3.3V	+5V	+12V	-12V	+5Vsb
SST-ST70F-ESG	700W	25A	25A	56A	0.3A	3A
		160W		672W	3.6W	15W
SST-ST60F-ESG	600W	24A	24A	46A	0.3A	3A
		130W		552W	3.6W	15W
SST-ST50F-ESG	500W	24A	20A	39A	0.3A	3A
		120W		468W	3.6W	15W

**Performance(output)**  
 672W / 700W FOR +12V OUTPUT  
 552W / 600W FOR +12V OUTPUT  
 468W / 500W FOR +12V OUTPUT

**Stability**  
(ripple and noise)  
±3%

**Efficiency**  
80 PLUS GOLD



Model No.

MB 24P

CPU 4+4P

PCI-E 6+2P

SATA

SATA

PERIPHERAL 4P

FLOPPY 4P



SST-ST50F-ESG

x 1

x 1

x 2

x 8

x 1

x 3

x 1

SST-ST60F-ESG

x 1

x 1

x 4

x 8

x 1

x 3

x 1

SST-ST70F-ESG

x 1

x 1

x 4

x 8

x 1

x 3

x 1

# STRIDER ESSENTIAL GOLD

THE ESSENTIAL GOLD STANDARD **500W 600W 700W**

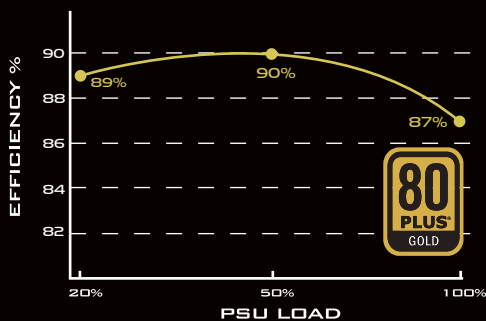


## Introduction

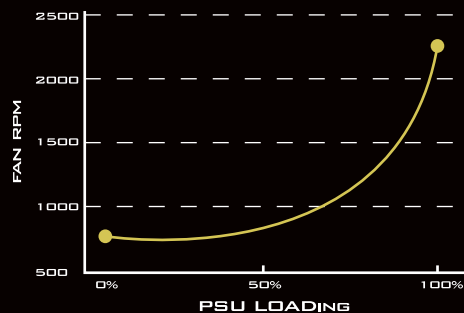
SilverStone Essential Gold are PSUs with 80 PLUS Gold certification within the affordable Strider Essential series. They retain practical and reliable fixed-cable layout from other Strider Essential PSUs and adhere to the same outstanding characteristics from all Strider series PSUs with no compromise in quality and reliability.

The 80 PLUS Gold certification ensures that Strider Essential Gold PSUs produce 40% less wasted heat from energy conversion compared to PSUs with basic 80 PLUS certification for lower burden on cooling and electricity consumption. In addition, features from higher-level Strider series such as  $\pm 3\%$  voltage regulation, high amperage single +12V rail design and multiple GPU support are also preserved to provide the best quality solutions at any price.

Designed for 80 PLUS Gold level of efficiency to reduce wasted heat and save on electricity



Built-in hybrid ceramic bearing (HYB) fan has lower noise and high durability, perfect for important home and office use



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



$\pm 3\%$  regulation and low ripple & noise performance for high stability

