



Silverstone ST55F-G Strider Gold Series 550W 80 PLUS Gold Modular PSU

Special Price
\$115.19 was
\$143.99

Product Images





Short Description

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The Strider Gold series will encompass wattage range from 550W to 1200W for a great variety of applications. With a 140mm depth for easy integration, the ST55F-G is the world shortest modular ATX PSU. In addition to 80 PLUS Gold level efficiency, all models are built to meet very high standards in electrical performance so they have $\pm 3\%$ voltage regulation, $\pm 3\%$ ripple & noise, and high amperage single +12V rail. Other notable features also included are 24/7 40°C continuous output capability, low-noise 120mm fan, and multiple sets of PCI-E cables. For users looking for a power supply with faultless combination of performance, efficiency, and quality, there is no need to look beyond the Strider Gold Series.

Features

- Compact design with a depth of 140mm for easy integration
- 80Plus Gold certification with higher efficiency 87%~90% at 20%~100% loading
- 100% modular cables
- 550W (600W peak power) 24hour fully continuous power output with 40°C operating temperature
- Class-leading single +12V rail with 45A
- Strict $\pm 3\%$ voltage regulation and low ripple & noise
- Silent running 120mm fan with 18dBA minimum



REMARK

1.

Designed for 80 PLUS Gold level of efficiency to reduce wasted heat and save on electricity.
2.

100% modular 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.
3.

140mm depth sets new standard for high wattage PSUs with modular cables.
4.

Powerful single +12V rail design, perfect for future high-end component upgrades or overclocking.
5.

±3% regulation and low ripple & noise performance for high stability.
6.

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

Specifications

Model No.	SST-ST55F-G				
Max. DC Output	550W(Peak 600W)				
Load Range					
	+3.3V	+5V	+12V1	+5VSB	-12V
Max.(Amps)	22A	18A	45A	2.5A	0.3A
Peak (Amps)	/	/	48A	3.5A	/
Min.(Amps)	0.2A	0.2A	0.3A	0A	0A
Range (%)	±3%	±3%	±3%	±5%	±10%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	50mV	50mV	120mV	50mV	120mV
combined +3.3, +5V	140W				
combined +12V	540W / 45A				
Input Voltage	90V~264V				
Input Frequency Range	47Hz ~ 63Hz				
PFC	Active PFC. (PF>0.95 at Full Load)				
Efficiency	87%~90% at 20%~100% loading				
MTBF	100,000 hours at 25°C (at Full Load)				
Operating temperature	0°C ~ 40°C				

Protection	Over Current Protection Over Power Protection Over Voltage Protection Over Temperature Protection Under voltage protection Short Circuit Protection No Load Protection
Connectors	1 x 24 / 20-Pin motherboard connector (550mm) 1 x 8 / 4-Pin EPS / ATX 12V connector (550mm) 1 x 8 / 6-Pin PCIE connector (550mm) 1 x 6-Pin PCIE connector (550mm / 150mm) 8 x SATA connector (500mm / 150mm / 150mm) 3 x 4-Pin Peripheral connector (500mm / 150mm / 150mm) 1 x 4-Pin Floppy connector (500mm / 150mm / 150mm / 150mm)
Color	Black (lead-free paint)
Cooling System	Single 120mm silent fan
Noise Level	18 dBA minimum
Dimension	150 mm (W) x 86 mm (H) x 140 mm (D)
Weight	2.2kg
Certification	80 PLUS Gold
Other	GPU Support list

Stock PSU is sleeved by SilverStone in black and black. This Power Supply can also be professionally sleeved by Performance PC's. While the SilverStone Strider Power Supply is the very best in the market you will find that our sleeving techniques and range of options are far above what they can offer you. You can have this power supply customized using your choice of colors on sleeve, heatshrink , and Molex connectors.

The warranty from Performance PC's will be limited to 30 days at no extra cost. We also now have an option to extend that warranty to a Full One Year by purchasing a Performance PC's Extended Warranty which covers not only the power supply itself but, all Mods done by our company to that power supply. For more details please see our [Conditions of Use](#) page.

Additional Information

Brand	SilverStone Technology
SKU	ST55F-G
Weight	7.0000
Color	Black
PSU Type	ATX
PSU Style	Modular
PSU Wattage	550W
PSU Efficiency	80 PLUS Gold
Vendor SKU/EAN	844761009250
Special Price	\$115.19

