



# Silverstone 80 PLUS Gold 500W Flex-ATX power supply

\$149.99

## Product Images







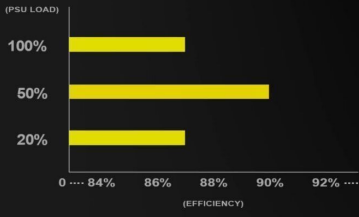
## Short Description

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Flex ATX form factor With High efficiency 80 PLUS Gold certification

## Description

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

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



Powerful single +12V

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

±5%

±3%



Soft and flexible thin cables designed to ease cable management process

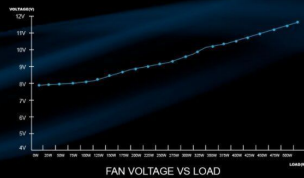


Japanese primary capacitor

Ensure reliable power and long life span



Built-in 40mm fan with excellent airflow ensuring maximum performance and durability





Advanced protections for safety and security



Over power protection

OPP



Over voltage protection

OVP



Short circuit protection







SCP



Over temperature protection

OTP

## Connectors / Cable

Photo	Type	Connector quantity per cable	Cable quantity	Length
	MB 20+4P connector	1	1	350mm
	CPU 4+4P connector	1	1	450mm
	PCI-E 6+2P connector	2	1	350mm 150mm
	SATA connector	4	1	350mm 150mm 150mm 150mm
	Peripheral 4P connector	3	1	350mm 150mm
	4P Floppy connector	1		150mm 150mm



24 / 20-Pin motherboard connector



8 / 4-Pin EPS / ATX 12V connector



8 / 6 PCIe connector



SATA connector



4-Pin peripheral connector



4-Pin Floppy adapter connector

# Specifications

## SPECIFICATIONS

Model No.	SST-FX500-G				
Max. DC Output	500W				
Power density	1010W per liter				
	Load Range				
	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	14A	17A	41.67A	2.5A	0.3A
Peak (Amps)	/	/	/	/	/
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±3%	±3%	±3%	±5%	±10%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	50mV	50mV	120mV	50mV	120mV
Color	Black (Lead-Free Paint)				
Combined +3.3V & +5V	90W				
Combined +12V	500W				
Input Voltage	90 ~ 264 Vrms				
Input Frequency Range	47Hz ~ 63Hz				
PFC	Active PFC (PF>0.9 at full load)				
Efficiency	87%~90% (20% to 100% loading)				
MTBF	100,000 hours				
Operating temperature	0°C ~ 40°C				
Protection	Over Power Protection Over Voltage Protection Short Circuit Protection Over-Temperature Protection				

Connectors	<ul style="list-style-type: none"> <li>1 x 24 / 20-Pin motherboard connector (350mm)</li> <li>1 x 8 / 4-Pin EPS / ATX 12V connector (450mm)</li> <li>2 x 8 / 6-Pin PCIe connector (350mm / 150mm)</li> <li>4 x SATA connector (350mm / 150mm / 150mm / 150mm)</li> <li>3 x 4-Pin Peripheral connector (350mm / 150mm / 150mm)</li> <li>1 x 4-Pin Floppy adapter connector (150mm)</li> </ul>
Cooling System	Single 40mm silent fan
Form factor	<a href="#">Flex ATX</a>
Noise Level	20 dBA minimum
Dimension	<ul style="list-style-type: none"> <li>81.5 mm (W) x 40.5 mm (H) x 150 mm (D)</li> <li>3.21" (W) x 1.59" (H) x 5.91" (D)</li> </ul>
Weight	0.96 kg
Certification	80 PLUS Gold
Other	<a href="#">GPU Support list</a> Compatible with ATX12V v2.4

● Specifications presented on this page contains most recent revisions and may differ from those printed on retail boxes or manuals.

## Additional Information

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Brand	SilverStone Technology
SKU	SST-FX500-G
Weight	2.5000
Color	Black
PSU Type	ATX
PSU Style	Non-Modular
PSU Wattage	500W
PSU Efficiency	80 PLUS Gold



