



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

# Strider Series 1500W

The dream PSU for  
computer enthusiasts



## Special Features:

- 1500W continuous and 1600W peak power
- 100% modular cables
- Efficiency 85%~88% at 20%~100% loading with 80 PLUS Silver certification
- Class-leading eight +12V rails with 110A (Peak up to 120A)
- 1500W continuous power output with 40°C operating temperature
- Strict  $\pm 3\%$  voltage regulation
- Four PCI-E 8pin, eight PCI-E 6pin, and twelve SATA connectors support
- Silent running 135mm fan with 19dBA minimum
- Japanese main capacitors
- Support ATX 12V 2.3 & EPS 12V
- Active PFC

Model No.:SST-ST1500

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

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### ~80 PLUS® Silver Certified

Super high efficiency with 85%~90% at 115Vac, 88%~92% at 230Vac across all loading conditions from 20% to 100% loading



### ~Ultra-Quiet Operation

Ultra-quiet 13.5 cm fan with intelligent RPM control guarantees cool performance and silent operation with 19dBA



### ~Advanced full cable management

Improves internal airflow and reduces system clutter by allowing you to use only the cables you need. All cables (including the MB-24pin cable) can option to short cable kit (PP05) for easier integration into small chassis.

**Performance(output)**  
1320W / 1500W for +12V output

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

**Efficiency**  
80 Plus Silver

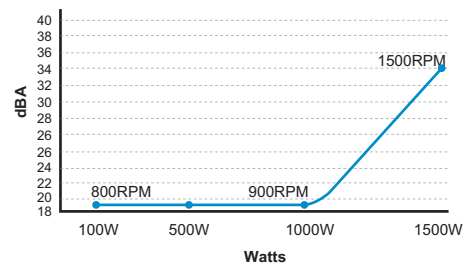
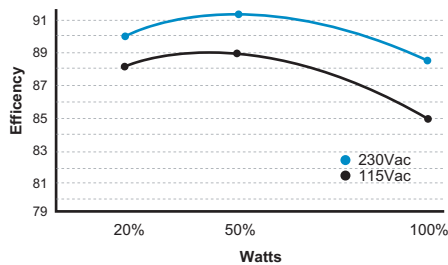
**Size**  
220mm

**Quietness**  
19dBA

**Operating temperature**  
(component grade)  
40°C

<b>DC Output</b>	1500W											
<b>Parameter</b>	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	+12V5	+12V6	+12V7	+12V8	-12V	+5VSB
<b>Regulation</b>	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	+10%	±5%
<b>Max</b>	40A	40A	25A	25A	25A	25A	25A	25A	25A	25A	0.5A	6.0A
<b>combine</b>	280W		1320W/110A (Peak 120A)								6W	30W

<b>Input Voltage</b>	90V~264V
<b>Frequency</b>	47Hz ~ 63Hz
<b>PFC</b>	Active PFC ( PF>0.95 at Full Load )
<b>Efficiency</b>	85%~88% at 20%~100% loading
<b>MTBF</b>	100,000 hours at 25°C, ( at Full Load )
<b>Operating temperature</b>	0 ~ 40°C
<b>Protection</b>	Over Current Protection Over Power Protection Over Voltage Protection Under voltage protection. Short Circuit Protection No Load Protection
<b>Color</b>	Black ( Lead-Free Paint )
<b>Cooling System</b>	Silent 135mm fan
<b>Noise Level</b>	19dBA (minimum)
<b>Dimension</b>	150 mm (W) × 86 mm (H) × 220 mm (D)



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## Introduction

Reaching 1500W DC output (1600W peak), the Strider ST1500 is effectively at the limit of what an internal PC power supply can achieve in terms of wattage rating. For SilverStone, getting to this maximum power was only part of the goal for a consumer-level power supply so every desirable feature known were added to create a dream product. The list starts with unprecedented eight +12V rails with each capable of up to 25A and continues with features such as 100% modular cables, 80 PLUS Silver worthy efficiency ratings, and quietness level that matches most 500W PSUs. If there is one upgrade that will likely outlast a PC enthusiast's interest in computing, the ST1500 may just be it.

## KEY FEATURE

Eight +12V rails provide maximum stable power for the CPU & GPU independently of the other peripherals. And class-leading +12V rails combined loading up to 110A(Peak 120A) provides superior performance for various high-end system.



1 x 24/20pin-MB



2 x 4+4pin-EPS



12 x SATA



12 x Peripheral



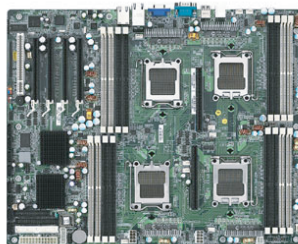
4 x 8pin-PCIE



4 x Floppy



8 x 6pin-PCIE



### Dual 8pin-EPS

Multi-CPU Sever / Workstation MB system technologies



### Eight PCI-E 6pin & Quad PCI-E 8pin

Support NVIDIA / ATI multi-graphic card SLI / Crossfire X technologies