



HELA 3000Rz

80PLUS Platinum 3000W ATX 3.1 & PCIe 5 Fully Modular Power Supply

- Supports ATX 3.1 and PCIe Gen 5 standards
- Supports 12V-2x6 PCIe connector with 4 native 12V-2x6 cables
- Supports RTX 40/50 series GPUs and future NVIDIA graphics cards
- 80PLUS Platinum certified, 24/7 continuous power output at 50°C operating temperature
- Fully modular design with SilverStone's 3rd generation modular interface
- Silent 140mm dual ball bearing fan with 3-phase 12-pole motor and copper rivet reinforcement for high precision and efficiency
- 200mm depth compact design for easy integration



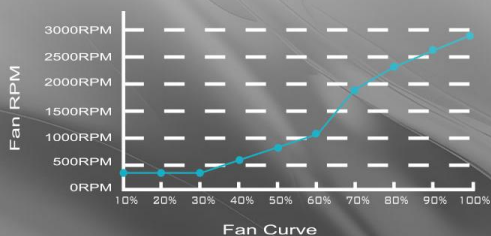
Extreme 3000W Power

Compliant with ATX 3.1 and PCIe Gen 5 standards, delivering up to 3000W continuous output for multi-GPU and high-performance computing platforms



Industrial-Grade 140mm Cooling Fan

Features a dual ball bearing 140mm fan with a three-phase twelve-pole motor and copper rivet reinforced structure for precise, durable, and efficient cooling



Product Specifications

Product No.

SST-HA3000R-PM

Color

Black (lead-free paint)

Power density

1163 W/L

Combined +3.3V & +5V

120W

Input Voltage

180 ~ 264 Vrms

PFC

Active PFC (PF>0.9 at full load)

MTBF

120,000 hours

Protection

Over Current Protection
Over Power Protection
Over Voltage Protection
Short Circuit Protection
Over Temperature Protection

Cooling System

Single 140mm dual ball bearing fan

Certification

80 PLUS Platinum

Dimension

150mm (W) x 86mm (H) x 200mm (D)
5.91" (W) x 3.39" (H) x 7.87" (D)

Other

1. UK: When using the HA3000R-PM with a 13A UK power cord, maximum output power is limited to approximately 2600W due to local power regulations. A higher-current-rated power cord is required to achieve the full 3000W output.

2. Australia / New Zealand: The HA3000R-PM is supplied with a 20A Type I Plug to meet local power requirements. Please verify that your power outlet supports this specification before purchase.

Model (safety certification)

SST-AX3000MCPT-A

Max. DC Output

3000W

Load Range

Output	+3.3V	+5V	+12V1	+5VSB	-12V
Max.(Amps)	22A	22A	250A	4.0A	0.3A
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±3%	±3%	±3%	±3%	±5%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	50mV	50mV	120mV	50mV	80mV

Combined +12V

3000W

Input Frequency Range

47Hz ~ 63Hz

Efficiency

89% ~ 92% (20% ~ 100% load range)

Operating temperature

0°C ~ 50°C

Connectors

1 x 24-Pin motherboard connector
4 x 8-Pin EPS / ATX 12V connectors
7 x 8 / 6-Pin PCIe connectors
4 x 12+4-Pin 12V-2x6 connectors
8 x SATA connectors
4 x 4-Pin Peripheral connectors

Noise Level

18 dBA min.

Form factor

ATX (PS2)

Weight

4.57 kg