



Extreme 850R Platinum

Cybenetics Platinum 850W PCIe 5.0 Fully Modular Power Supply

- Equipped with Gen5 12VHPWR PCIe connector, meeting Intel SFX 12V V4.0 specification standard
- Cybenetics Platinum efficiency certification
- 24/7 continuous power output with 50°C operating temperature
- Ultra-silent 92mm FDB fan with fan intelligent deactivates and delayed shut off function
- Flexible flat cables have much greater flexibility to allow for tighter folding
- Fully Modular design
- All Japanese electrolytic capacitors

Product Specifications

Product No.

SST-EX850R-PM

Color

Black (lead-free paint)

Power density

1070W per liter

Combined +3.3V & +5V

100W

Input Voltage

180 – 264 Vrms

PFC

Active PFC. (PF>0.9 at Full Load)

MTBF

100,000 hours

Protection

Over Current Protection
Over Power Protection
Over Voltage Protection
Short Circuit Protection
Over Temperature Protection
Under Voltage Protection
No load operation

Cooling System

Silent 92mm FDB fan

Certification

Cybenetics Platinum

Dimension

125 mm (W) × 63.5 mm (H) × 100 mm (D)

Model (safety certification)

SST-SX0850MCPT-A

Max. DC Output

850W

Load Range

Output	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	20A	20A	70.8A	3.0A	0.3A
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±5%	±5%	+5/-7%	±5%	±10%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	40mV	40mV	80mV	40mV	80mV

Combined +12V

850W

Input Frequency Range

47Hz – 63Hz

Efficiency

≥89% & <91% overall efficiency

Operating temperature

0°C ~ 50°C

Connectors

1 x 24 / 20-Pin motherboard connector
1 x 8 / 4-Pin EPS / ATX 12V connector
2 x 8 / 6-Pin PCIe connectors
1 x 12+4-Pin 12VHPWR connector
8 x SATA connectors
3 x 4-Pin Peripheral connector
1 x 4-Pin Floppy connector

Noise Level

0 dBA minimum

Form factor

SFX

Weight

1.6kg



SILVERSTONE

www.silverstonetek.com



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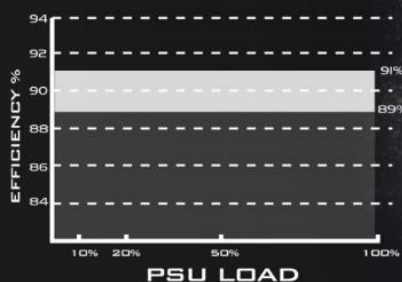
12VHPWR CONNECTOR



SFX 12V
V4.0
Intel SFX12V 4.0
support



PCIe
Gen5
standards



Cybenetics Platinum efficiency certification

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



Powerful single +12V