SF850X

80PLUS GOLD
COMPACT YET POWERFUL

Introducing our SF850X 80PLUS GOLD power supply, compatible with SFX 4.1 standard while designed with the ultimate quality and stability in mind for gamers caring the space utilization. With advanced features like ATX 3.1, PCIe 5.1, high-quality JP capacitors, 80 PLUS® Gold certified efficiencies, you can expect excellent performance for this power supply. The active clamp design with DC-DC module ensures steady power output, while the cabling is 100% modular, allowing for easy cable management and customization. The Zero RPM Manager enables advanced thermal control, ensuring the optimal balance between silent operation and efficient cooling. The CircuitShield™ full suite of industrial-grade protections provide safe and reliable power delivery under any circumstances. SF850X 80PLUS GOLD provides the best for your small gaming PC system.
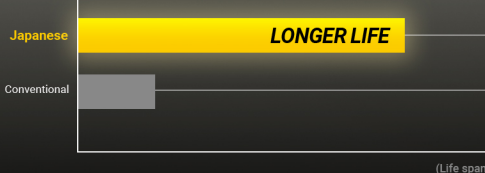
ATX 3.1 & PCIE 5.1 COMPATIBLE

Our new SF850X 80PLUS GOLD power supply is formally certified for ATX 3.1 compliance, meeting the high standards for reliability and power efficiency, and ensuring the utmost level of quality and performance. The included PCIe 5.1 12VHPWR GPU cable enables seamless compatibility with the latest graphics cards, such as the NVIDIA® GeForce RTX™ 40 Series.
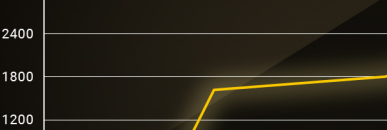
HIGH-QUALITY JP CAPACITORS

Equipped with high-quality JP capacitors, SF850X 80PLUS GOLD achieves unprecedented tight voltage regulation and minimal ripple and noise, maximizing your system's performance.

COMPACT SIZE

Compact yet powerful, SF850X 80PLUS GOLD is ideal for your ITX build with an intricate combination of quality, efficiency, and size.

50% LESS VOLUME

ZERO RPM MANAGER

The thermal sensors activate the fan only when necessary, providing optimal cooling while minimizing noise levels. With the Zero RPM fan mode, this PSU comes with a longer lifespan and quieter operations.

FULL MODULAR CABLE MANAGEMENT

Allowing users to use only the necessary cables and eliminates excess cables that can obstruct and reduce airflow, also provide a much cleaner look inside the PC case.

CIRCUITSHIELD™

The full suite of industrial-grade protections includes OCP, OVP, UVP, SCP, OPP, OTP, SIP, and NLO, providing the best dependability for your power supply in any situation.

7-YEAR WARRANTY

The new PSU line from Antec pushes the standard for excellence with CircuitShield® suite of industrial protections backed by a 7-year warranty.

CABLES

QTY	Cable Length	Cable Type	Connector(s) Per Cable
1		24(20+4)pin M/B	1
1		16(12+4)pin PCIE 5.1 12VHPWR (600W)	1
2		8(4+4)pin CPU	1
2		8(4+2)pin PCI-E	2
		SATA	4
1		SATA/Molex	3/2

CONNECTORS

24-pin M/B Connectors	16-pin PCIE 5.1 12VHPWR (600W)	8(4+4)pin CPU Connectors	8(4+2)pin PCI-E Connectors	SATA Connectors	Molex Connectors
x1	x1	x2	x4	x6	x2

INPUT

100-240V~, 50Hz-60Hz, 12A-6A /
200-240V~, 50Hz-60Hz, 6A ,only for China, Korea and India

OUTPUT

+3.3V	+5V	+12V	-12V	+5VSB
20A	20A	70.83A	0.3A	2.5A
120W		850W	3.6W	12.5W
850W				

SPECIFICATIONS

Model	SF850X 80PLUS Gold
Type	ATX 12V 3.1 (SFX 4.1)
Dimension	l00(L)*125(W)*63.5(H) (mm)
Modular	Full Modular
Warranty	7 years
Input Voltage	100V-240V
Input Current	12A-6A
Input Frequency Range	60Hz-50Hz
PFC	Active PFC
Power Good Signal	100-150ms
Protection	OCP, OVP, UVP, SCP, OPP, OTP, SIP, NLO
Output Capacity	850W
Operation Temperature	0~40°C
Regulatory	cTUVus/TUV/CB/ROM/CE/FCC/BIS/BSMI/KC/UKCA/ICES/CCC
Fan	92mm Silent Fan
Certifications	80 Plus Gold
Connector	1 x 24 (20+4) pin MB 1 x 16 (12+4) pin PCIE 5.1 12VHPWR 2 x 8 (4+4) pin CPU 4 x 8 (8+2) pin PCI-E 6 x SATA 2 x Molex
Unit Box Dimensions	236(L)*184(W)*106(H) (mm)
Net Weight	1.79 kg
Gross Weight	2.12 kg
UPC#	0-761345-20024-0 SF850X US 0-761345-20025-7 SF850X JP 0-761345-20026-4 SF850X UK 0-761345-20027-1 SF850X EC 0-761345-20028-8 SF850X AU