

Silverstone ST45SF 450W SFX



LINK (<https://www.nexthardware.com/news/alimentatori/2266/silverstone-st45sf-450w-sfx.htm>)

Nuovo alimentatore per sistemi SFF

Disponibile il nuovo alimentatore Silverstone dedicato a case SFF (Small Form Factor) come i Silverstone Sugo SG05 e SG06.

Il Silverstone ST45SF è un alimentatore da 450W che misura 125mm X 63.5mm X 100mm e pesa circa 1Kg, è certificato come 80 Plus Bronze ed è raffreddato da una singola ventola da 80mm da 18dBA posizionata sul top.

L'alimentatore offre un single rail sui +12V da 36A e sarà disponibile ad un prezzo di circa 60\$.

Di seguito alcuni dati e in calce la pagina ufficiale del prodotto sul sito Silverstone e un test in anteprima di VR-Zone.

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Model No.	SST-ST45SF				
Max. DC Output	450W				
Load Range					
↔	+3.3V	+5V	+12V1	+5VSB	-12V
Max.(Amps)	21A	22A	36A	2.5A	0.5A
Peak (Amps)	/	/	/	3A	/
Min.(Amps)	0.1A	0.2A	0.6A	0A	0A
Range (%)	↔± 5%	↔± 5%	↔± 5%	↔± 5%	↔± 10%
Line Reg.(%)	↔± 1%	↔± 1%	↔± 1%	↔± 1%	↔± 1%
Ripple(mVp-p)	70mA	70mA	140mV	70mV	140mV

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combined +3.3, +5V	120W
combined +12V	432W / 36A
Input Voltage	90V ~ 265V
Input Frequency Range	47Hz ~ 63Hz
PFC	Active PFC $\hat{P}F > 0.95$ at full load $\hat{P}F \%$
Efficiency	82%~85% $\hat{P}F$ 20% to 100% loading $\hat{P}F \%$
MTBF	100,000 hours at 25 \leftrightarrow °C, full load
Operating temperature	10 \leftrightarrow °C ~ 50 \leftrightarrow °C
Protection	Over current protection Over voltage protection Short circuit protection
Connectors	1 x 24 / 20-Pin motherboard connector $\hat{P}F$ 300mm $\hat{P}F \%$ 1 x 8 / 4-Pin EPS / ATX 12V connector $\hat{P}F$ 400mm $\hat{P}F \%$ 1 x 8/6-Pin PCIE connector $\hat{P}F$ 400mm $\hat{P}F \%$ 1 x 6-Pin PCIE connector $\hat{P}F$ 550mm / 150mm $\hat{P}F \%$ 3 x SATA connector $\hat{P}F$ 300mm / 220mm / 100mm $\hat{P}F \%$ 2 x 4-Pin Peripheral connector $\hat{P}F$ 300mm / 200mm $\hat{P}F \%$ 1 x 4-Pin Floppy connector $\hat{P}F$ 300mm / 200mm / 200mm $\hat{P}F \%$
Color	Black $\hat{P}F$ Lead-Free Paint $\hat{P}F \%$
Cooling System	Single 80mm silent fan
Noise Level	18dBA minimum
Dimension	125 mm (W) $\hat{P}F$ 63.5 mm(H) $\hat{P}F$ 100 mm(D)
Weight	1 Kg
Other	Includes SFX to ATX bracket for use in ATX case

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