



SILVERPOWER

SP-SS850M
850W
green power



- Super high efficiency for energy savings, up to 90% efficiency, 80Plus® Silver certification
- Detachable modular cables, use precisely the cables you need
- $\pm 3\%$ line regulation for +12V rail for maximum stability, security and performance
- Dynamic load on +12V to ensure maximum compatibility with main boards and peripherals
- Multiple 12V outputs with enhanced +12V current capability to broaden utilization capabilities
- High quality Japanese *Aluminum Electrolytic capacitors* for increased product life and reliability
- *Active Power Factor Correction* [99% PF] for reduced line noise and power distortion
- Advanced *Dual Forward Converter* circuit design for added reliability and efficiency
- *Smart and Silent Fan Control* [S²FC], one of the best performance noise controller available on the market
- 12cm double ball bearing fan for increased airflow and lifetime and reduced noise levels; mounted on soft rubber cushions to reduce fan vibration and rotation noises
- Ultra ventilation [Honey Comb Structure] for increased airflow and reduced noise levels
- 4x PCI-Express connectors to support high end graphics cards
- All in One DC cabling to support PC, IPC, workstations, servers and dual CPU systems
- Patented *Easy Swap* peripheral connectors for easy plug and unplug connection
- Total protection with *Over Voltage, Over Power, Over Current, Under Voltage* and *Short Circuit* protection
- Universal AC Input for plug and run anywhere around the world
- Reliable operation also at higher environment temperatures of $\sim 50^{\circ}\text{C}$
- DC to DC voltage regulator modules for +3.3V & +5V
- >100,000 hours MTBF, excluding fan



Abertek
LEADING IN PERIPHERALS

Abertek Company Limited.
5F.-1 No.236, Liancheng Rd., Zhonghe City, Taipei Hsien 235, Taiwan.
Website: www.abertek.com.tw e-mail: info@abertek.com.tw Tel.: 886 2 8228 2226 Fax.: 886 2 8228 2225



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Logistic Data	
Article number	13062
Article name	SP-SS850M 850 W
EAN barcode	4250078130697
Mark (EAR registration number)	EAR888-62976468
Packing unit	5 pieces
Net weight per piece	2.40 kg
Gross weight per piece	3.10 kg
Gross weight per carton	18.50 kg
Pieces per pallet	210 pieces
Dimensions net (L x H x T)	150 x 160 x 86 mm
Dimensions gross (L x H x T)	330 x 215 x 95 mm
Dimensions gross per carton	510 x 340 x 235 mm
Colour	Black
Custom tariff number	85044030
Land of Origin	PR China

Voltage table

Model	SP-SS850M 850 W					
AC input	100-240 V~ 10-5 A 60/50 Hz					
DC output	+3.3 V	+5 V	+12 V ₁	+12 V ₂	-12 V	+5 V _{SB}
Max. amps	24 A	30 A	40 A	40 A	0.8 A	3 A
Max. combined	150 W		840 W		9.6 W	15 W
Total power	850 W					

Cable configuration

Model	SP-SS850M 850 W		
M/B 20 P + 4 P	1	On board	550 mm
ATX/ EPS 12 V (4 P + 4 P)	1	On board	550 mm
PCI-E (6+2 P)	2	On board	600 mm
3 Molex (4 P) + 1 FDD (4 P)	2	Modular	450 + 150 + 150 + 150 mm
3 SATA (6 P)	3	Modular	450 + 150 + 150 mm
PCI-E (6+2 P)	2	Modular	550 mm