



S12-500 (500 W)

Item #: 11473



Features

- Super-efficient PS/2 power supply: 83% efficiency (average)!
- ATX 2.0- and EPS12V-compliant, therefore also cooperating with the latest PC and server mainboards
- 1× ball bearing 120 mm fan on bottom, temperature-controlled by means of *Smart & Silent Fan Control (S²FC)*, therefore extremely silent
- 2× +12V output rails uncoupled from each other for more stability of the entire system
- Connector for fan supervision by the mainboard
- 2× 6-pin power supply connectors for PCI Express graphics cards
- 4× fully assigned Serial ATA power supply connectors (incl. +3.3V rail)
- *Dr. Cable™*: Cable ties + hose against spaghetti

Technical Data

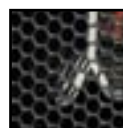
- 36 months warranty
- Twisted power supply connector wires for enhanced stability
- Wide-range input: 100~240 VAC input voltage
- Cutting-edge active PFC (PF = 0.99) for extremely environmentally friendly operation
- Protective circuits against overvoltages (OVP), overloadings (OPP), and short-circuits (SCP)
- Standard PS/2 dimension (W×H×D): 150×86×140 mm (5⁷/₈"×3³/₈"×5¹/₂")
- Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F)
- Storage temperature: -40°C ~ +85°C (-40°F ~ +185°F)
- 22 dba
- Storage temperature: -40°C ~ +85°C (-40°F ~ +185°F)
- Humidity (operating): 20% ~ 80% RH
- Lifetime (MTBF): ≥ 100,000 hours
- EM compatibility (EMC): CISPR22 Class B; EN61000-3-2 Class D; FCC Part 15 Class B
- Safety: CB, CE, UL, cUL, TÜV, SEMKO, FIMKO, DEMKO, NEMKO, CCC

Logistic Data

- Item #: 11473
- Customs tariff #: 85044020
- Net weight: 2.1 kg (4 lb 10 oz)
- Gross weight: 2.6 kg (5 lb 12 oz)
- Net dimension (W×H×D): 150×86×140 mm (5⁷/₈"×3³/₈"×5¹/₂")
- Gross dimension (W×H×D): 222×102×236 mm (8³/₄"×4"×9³/₄")
- Packing unit: 1 piece
- Quantity per carton: 10 pcs



Ball bearing 120 mm fan on bottom, electronically controlled for super-silent operation



PSU front with honeycomb perforation for ideal ventilation

Errors and technical modifications excepted — As of 07/2005



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Connectors & Cables

Model / Type	S12-500			
Connector	Pin count	Cable count	Length (mm)	Length (ft / in)
M/B ATX 2.0 / EPS	20+4	1+1	480+480	1'6 ⁷ / ₈ " + 1'6 ⁷ / ₈ "
P4 ATX 2.0	4	1	480	1'6 ⁷ / ₈ "
EPS12V	8	1	480	1'6 ⁷ / ₈ "
HDD+FDD +HDD+HDD	4+4+4+4	1	350+120+120+120	1'1 ³ / ₄ " + 4 ³ / ₄ " + 4 ³ / ₄ " + 4 ³ / ₄ "
	4+4+4+4	1	480+120+120+120	1'6 ⁷ / ₈ " + 4 ³ / ₄ " + 4 ³ / ₄ " + 4 ³ / ₄ "
VGA power (PCI Express)	6+6	1	480+100	1'6 ⁷ / ₈ " + 3 ⁷ / ₈ "
SATA	15+15	2	480+160	1'6 ⁷ / ₈ " + 6 ¹ / ₄ "
PSU fan speed signal	3	1	580	1'10 ⁷ / ₈ "

Electric Specification

Model / Type	S12-500					
AC input	100~240 VAC; 47~63 Hz; ≤ 10 A					
DC output	+3.3V	+5V	+12V1	+12V2	-12V	+5V _{SB}
Max. output current	30A	30A	17A	16A	0.8A	2A
Max. combined power	180W					
Max. total power	500W					