

Semi-fanless Modular 80 PLUS Bronze Certified Power Supply



The MasterWatt is a 80 Plus Bronze Power supply with an innovative semi-fanless mode. Under 15% load, the MasterWatt fan remains idle, offering zero dBA. When demand for power increases, a gradual fan curve provides measured cooling with little to no noise at any output level. Dual forward / DC-to-DC topology are employed to keep the voltage stable in all conditions. For increased performance, MasterWatt is equipped with 16 AWG power cables, which reduce resistance thereby increasing efficiency.

Features

Semi-Fanless up till 15% load - Experience noise-free operation in normal PC loads under 15% output.

Dual Forward and DC-to-DC circuit design - The Dual Forward and DC-to-DC circuit design offers reliability and stability especially significant in +3.3V and +5V output.

5 years warranty - The MasterWatt comes with a 5 year warranty

More Conductive PCI-e Cables - The MasterWatt uses 16AWG cables for PCI-e cables. Less resistance means better efficiency.

80 PLUS Bronze Certified - The 80 PLUS Bronze certification means MasterWatt is independently tested with efficiency of 85%.

Durable LDB bearing - Silencio technology combines sealed LDB bearings with quiet fan blades delivering a long lifetime of quiet cooling.

Package Information

Net Weight	2.027 kg / 4.47 lb
Gross Weight	2.398 kg / 5.29 lb
Package Dimensions	276 x 194 x 112 mm (10.87 x 7.64 x 4.41")
Carton Dimensions	582 x 289 x 218 mm (22.91 x 11.38 x 8.58")
Unit / Carton	5 pcs
Carton / Pallet	24 cartons

Cable type	EAN	UPC
AU	4719512062449	884102035128
BR	4719512062470	884102035135
EU	4719512062432	884102035111
JP	4719512062456	884102035159
KR	4719512062463	884102035142
ST	4719512061992	884102034671
TW	4719512062425	884102035104
UK	4719512053089	884102029196
US	4719512062418	884102035098

Specifications

Model	MPX-7501-AMAAB
Type	ATX 12V V2.4
PFC	Active PFC
Operation Voltage	100-240Vac
Input Voltage	100-240Vac
Input Current	10-5A
Input Frequency	50-60Hz
Dimensions (L x B x H)	140 x 150 x 86mm
Fan size	120mm
Fan Bearing	LDB
Powergood Signal	100-500ms
Hold Up Time	16ms at 80% load
Efficiency	85% @ Typical Load
ErP 2013 Lot 6	Yes
MTBF	>100,000 hours
Operating Temperature	0~40°C
Protections	OCP / OVP / UVP / OPP / OTP / SCP
Regulatory	CCC, CE, TUV-RH, RCM, EAC, cTUVus, FCC, BSMI, KC,CB
Connectors	MB 24 pin 1x
	CPU 12V 4+4Pin 1x
	SATA 9x
	Peripheral 4 Pin 3x
	FDD Cable 4 Pin 1x
	PCI-e 6+2 Pin 4x

AC INPUT	100-240Vac~ 10-5A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5sb
	22A	22A	62.5A	0.3A	3A
TOTAL POWER	120W		750W	3.6W	15W
	750W				



Experience noise-free operation in normal PC loads under 15% output.



DC-to-DC circuit design offers reliability and stability especially significant in +3.3V and +5V output.



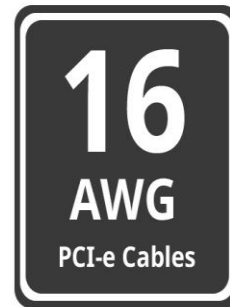
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16AWG cables for PCI-e cables. Less resistance means better efficiency.