

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	1.606 kg / 3.54 lb
Gross Weight	1.97 kg / 4.34 lb
Package Dimensions	266 x 194 x 112 mm (10.47 x 7.64 x 4.41")
Carton Dimensions	582 x 279 x 218 mm (22.91 x 10.98 x 8.58")
Unit / Carton	5 pcs
Carton / Pallet	24 cartons

Cable type	EAN	UPC
AU	4719512062319	884102034992
BR	4719512062326	884102035005
EU	4719512053119	884102029226
JP	4719512062333	884102035012
KR	4719512062340	884102035029
ST	4719512062111	884102034794
TW	4719512062302	884102034985
UK	4719512053140	884102029257
US	4719512062296	884102034978

Specifications

Model	MPX-5501-AMAAB	
Type	ATX 12V V2.4	
PFC	Active PFC	
Operation Voltage	100-240Vac	
Input Voltage	100-240Vac	
Input Current	8-4A	
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	6x
	Peripheral 4 Pin	2x
	FDD Cable 4 Pin	1x
	PCI-e 6+2 Pin	2x

AC INPUT	100-240Vac~ 8-4A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5sb
	20A	20A	45.8A	0.3A	3A
TOTAL POWER	110W		550W	3.6W	15W
	550W				



Make It Yours.

MasterWatt 550



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.



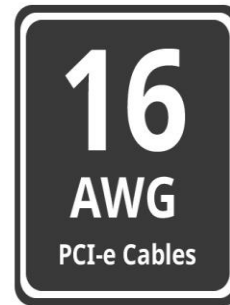
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The MasterWatt comes with a 5 year warranty



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