

## 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	4719512062371	884102035050
BR	4719512062388	884102035067
EU	4719512053102	884102029219
JP	4719512062395	884102035074
KR	4719512062401	884102035081
ST	4719512062173	884102034855
TW	4719512062364	884102035043
UK	4719512053133	884102029240
US	4719512062357	884102035036

### Specifications

Model	MPX-6501-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	<table border="1"> <tr> <td>MB 24 pin</td> <td>1x</td> </tr> <tr> <td>CPU 12V 4+4Pin</td> <td>1x</td> </tr> <tr> <td>SATA</td> <td>9x</td> </tr> <tr> <td>Peripheral 4 Pin</td> <td>3x</td> </tr> <tr> <td>FDD Cable 4 Pin</td> <td>1x</td> </tr> <tr> <td>PCI-e 6+2 Pin</td> <td>4x</td> </tr> </table>	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
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AC INPUT	100-240Vac~ 10-5A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5sb
	22A	22A	54.1A	0.3A	3A
TOTAL POWER	120W		650W	3.6W	15W
	650W				



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.



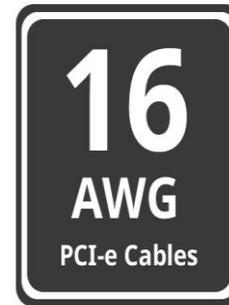
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16AWG cables for PCI-e cables. Less resistance means better efficiency.