



Make It Yours.

MasterWatt Lite 500W / 600W

Lighten the Load



Power on. We want the MasterWatt Lite Series to be that simple. In the box are all the essentials of a reliable engine so you don't have to think about it. We added higher-end perks like Active PFC and PWM technology for more stability, and made sure we met ErP 2013 and CE ratings for safety and low energy impact. It's the survival kit for reliable power.

Features

Advanced Circuit Design

Active PFC + PWM combined with dual forward topology and double EMI filter enhances power output efficiency and increases the performance and stability of your system

Silent and Durable Fan

Cooler Master's 120mm HDB temperature control fan can operate more smoothly without friction, which makes it quiet and more durable.

Green Power

Compliant with ErP 2013 Lot6, which guarantees that your PSU will use less than 0.5W on system standby and lower than 45% transferring efficiency on 5V standby.

Safety Guardian

Full protection (OCP/OVP/UVP/SCP/OPP) with built-in Over Temperature Protection (OTP). Minimizes the risk of damage from power outages.

80 Plus Standard Certified

80% efficiency typically.

Specifications & Packing Information

Product Number	500W	MPX-5001-ACAAW
	600W	MPX-6001-ACAAW
Product Name	500W	MasterWatt Lite 500W
	600W	MasterWatt Lite 600W
Type		Intel Form Factor ATX 12V V2.31
Dimensions (LxWxH)		150 x 140 x 86mm
Input Voltage		100-240 Vac
Input Current	500W	4 – 8A
	600W	9.5 – 5A
Input Frequency Range		50 - 60Hz
PFC		Active PFC (>0.9 typical)
Power Good Signal		100-500ms
Hold Up Time		>10ms at 100% full load
Efficiency		80% @ Typical Load
MTBF		>100,000 Hours
Fan Type		120mm HDB fan
Noise level	20% Load	19.9 dBA
	50% Load	21.9 dBA
	100% Load	33.2 dBA
Regulatory		TUV, CE, BSMI, FCC, cTUV-Rhus, KC, CCC, EAC, RCMC
Protection		OVP/UVP/OPP/OTP/OCP/SCP
Certification		80 PLUS Standard
ErP 2013 Complaint		Yes
Connectors	20+4 Pin MB	x 1
	4+4 Pin CPU	x 1
	6+2 Pin PCI-e	x 2
	SATA	x 6
	Peripheral	x 3
	Floppy	x 1
Warranty		3 Years

Net weight	1.378 Kg
Gross weight	1.765 Kg
Carton dimension (L x W x H)	L: 22.70Cm x W: 23.80Cm x H: 12.00Cm

	Unit / Carton	Carton/ Pallet	Pcs / Pallet
	6	24	144
Cont.	20' w/pal	40' w/pal	40' HQ w/pal
Pcs/Cont.	2520	5292	6048

Features



Certified 80% efficiency typically.



Silent and Durable 120mm HDB Fan



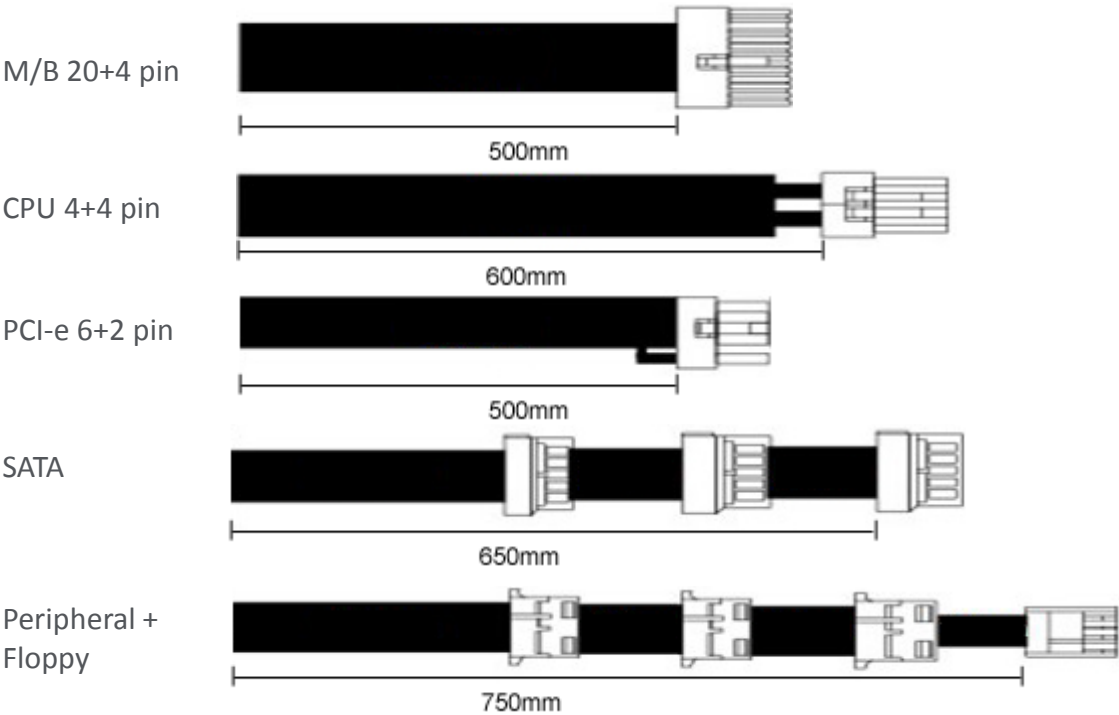
Active PFC + PWM dual
combined with forward topology

Output Rating

AC Input	100-240V~ 8-4A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	38A	0.3A	2.5A
OUTPUT POWER	120W		456W	3.6W	12.5W
	500W				

AC Input	100-240V~ 9.5-5A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	46A	0.3A	2.5A
OUTPUT POWER	120W		525W	3.6W	12.5W
	600W				

Cable info





Part Number

P/N	EAN	UPC
MPX-5001-ACAAW-AU	4719512059241	884102031632
MPX-5001-ACAAW-EU		
MPX-5001-ACAAW-JP		
MPX-5001-ACAAW-KR		
MPX-5001-ACAAW-TW		
MPX-5001-ACAAW-US		
MPX-5001-ACAAW-WO		
MPX-5001-ACAAW-BR		
MPX-5001-ACAAW-UK	4719512059258	884102031649
MPX-5001-ACAAW-BU	4719512059357	884102031748
MPX-5001-ACAAW-CN	6928968303886	X

P/N	EAN	UPC
MPX-6001-ACAAW-AU	4719512059265	884102031656
MPX-6001-ACAAW-EU		
MPX-6001-ACAAW-JP		
MPX-6001-ACAAW-KR		
MPX-6001-ACAAW-TW		
MPX-6001-ACAAW-US		
MPX-6001-ACAAW-WO		
MPX-6001-ACAAW-BR		
MPX-6001-ACAAW-UK	4719512059272	884102031663
MPX-6001-ACAAW-BU	4719512059364	884102031755
MPX-6001-ACAAW-CN	6928968303893	X