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, affordable 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 1W 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 230V EU Certified – 85% efficiency typically.

Specifications & Packing Information

Product Number		MPX-7001-ACABW
Product Name		MasterWatt Lite 230V 700W
Type		Intel Form Factor ATX 12V V2.31
Dimensions (LxWxH)		150 x 140 x 86mm
Input Voltage		200-240 Vac
Input Current		3.5 – 5A
Input Frequency Range		47 - 63Hz
PFC		Active PFC (>0.9 typical)
Power Good Signal		100-700ms
Hold Up Time		>10ms at 100% full load@230Vac
Efficiency		85% @ 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 230V EU
ErP 2013 Complaint		Yes
Connectors	20+4 Pin MB	x 1
	4+4 Pin CPU	x 1
	6+2 Pin PCI-e	x 4
	SATA	x 6
	Peripheral	x 3
	Floppy	x 1
Warranty		3 Years
EAN Code	EU / PH / AU	4719512055625
	UK	4719512055762
UPC Code	EU / PH / AU	884102030697
	UK	884102030833

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

![80 PLUS 230V EU certification logo]

Certified 85% efficiency typically.

Silent and Durable 120mm HDB Fan

Active PFC + PWM combined with dual forward topology

Output Rating

AC Input	200-240V~ 3.5A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	22A	22A	54A	0.3A	2.5A
OUTPUT POWER	130W		648W	3.6W	12.5W
	700W				

Cable info

M/B 20+4 pin

500mm

CPU 4+4 pin

600mm

PCI-e 6+2 pin

500mm

SATA

650mm

Peripheral + Floppy

750mm