



Make It Yours.

V650 GOLD - V2  
MPY-650V-AFBAG

## POWER UP



## FEATURES

**80 PLUS Gold Certified** : This certification guarantees a typical efficiency of 90% under normal operating conditions.

**Performance Driven Topology** : The half-bridge LLC resonant converter and DC-DC technology offer reliable and stable voltage outputs for safer, more reliable performance and higher efficiency.

**Semi-Fanless Mode with Hybrid Switch** : The 135mm FDB fan is semi-fanless up to 40% load and can be manually turned off with a hardware based hybrid switch.

**Full-Modular Cabling** : Modular cables reduce clutter, increase airflow, and improve overall efficiency and thermal performance.

**16 AWG PCI-e Cables** : The thicker 16 AWG PCI-e cables allow for higher currents, thereby improving both efficiency and safety.

**10 Year Warranty** : This unit comes with a standard limited manufacturing warranty of 10 years from the date of purchase.

## PACKAGE INFORMATION

Cable Type	EAN	UPC
AU	4719512068588	884102041099
BR	4719512068595	884102041105
EU	4719512068564	884102041075
JP	4719512068625	884102041136
KR	4719512068601	884102041112
ST	4719512068571	884102041082
TW	4719512068694	884102041204
UK	4719512068557	884102041068
US	4719512068540	884102041051

Nett Weight	1.96 kg / 4.321 lb
Gross Weight	2.49 kg / 5.49 lb
Package Dimensions	303 x 202 x 125mm (11.93 x 7.95 x 4.92")
Carton Dimensions	520 x 318 x 238mm (20.47 x 12.52 x 9.37")
Unit / Carton	4 pcs
Carton / Pallet	24 pcs

The V Gold - v2 offers the high quality user experience you've always wanted. Enjoy an 80 Plus Gold efficiency rating, full-modular cabling, semi-fanless operation, a 135mm FDB fan, 16AWG PCIe high efficiency cables, and a 10 year warranty. Improvements and innovations from the components to the cables deliver a power supply unit fit for any and every type of PC. The 100% Japanese capacitors, half-bridge LLC resonant convertor, and DC-DC circuitry deliver a product that even the pros can respect, at 550, 650, 750, and 850 watt levels. Now available with white casing and cables.

## SPECIFICATIONS

Product Name	V650 Gold - v2	
Item Code	MPY-650V-AFBAG	
ATX Version	ATX 12V Ver. 2.52	
PFC	Active PFC	
Input Voltage	100-240V	
Input Current	9-4.5A	
Input Frequency	50-60Hz	
Dimensions (L x W x H)	160 x 150 x 86mm	
Fan Size	135mm	
Fan Bearing	FDB	
Fan Speed	1500 RPM	
Noise @ 20%	0 dBA	
Noise @ 50%	18.3 dBA	
Noise @ 100%	32.1 dBA	
Efficiency	90% @ Typical Load	
80 PLUS Rating	80 PLUS Gold	
ErP 2014 Lot 3	Yes	
Operating Temperature	0-50°C	
Power Good Signal	100-500ms	
Hold Up Time	17ms	
MTBF	>100,000 hours	
Protections	OVP / OPP / SCP / OCP / UVP / OTP	
Regulatory	CCC, CE, TUV-RH, RCM, EAC, cTUVus, FCC, BSMI, KC, CB	
Connectors	ATX 24 Pin	x1
	EPS 4+4 Pin	x1
	EPS 8 Pin	x1
	SATA	x8
	Peripheral 4 Pin	x4
	FDD	x0
	PCI-e 6+2 Pin	x4

AC INPUT	100-240V~ 9-4.5A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	20A	20A	54A	0.3A	3A
TOTAL POWER	130W		648W	3.6W	15W
	650W				

## FEATURES



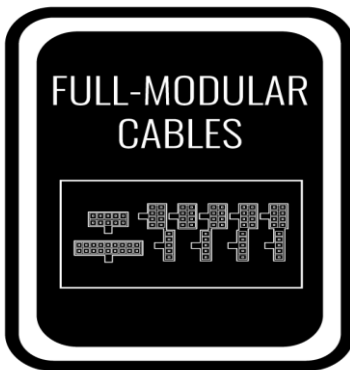
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