

## MAKE IT MINI



The V SFX Gold delivers the high quality experience you've come to expect from the V series in SFX form factor. Enjoy the same great features with 80 Plus Gold efficiency, full-modular cabling, an FDB fan, 16AWG PCIe high efficiency cables, and a 10 year warranty. But now you can have it in a mini-ITX case. With the V SFX Gold, the V series is now viable for cases ranging from mini-ITX all the way up through E-ATX systems. And with the included bracket this unit is compatible with all of them.

## FEATURES

**SFX Form Factor :** This unit is compatible with all SFX cases and suitable for mini-ITX system builds.

**SFX-to-ATX Bracket :** The included bracket allows users to install this unit securely in traditional ATX cases.

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

**Quiet FDB Fan :** The 92mm FDB fan delivers effective, quiet, and efficient cooling.

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

**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          |
|--------------------|---------------|--------------|
| MPY-6501-SFHAGV-US | 4719512098370 | 884102070679 |
| MPY-6501-SFHAGV-UK | 4719512098387 | 884102070686 |
| MPY-6501-SFHAGV-EU | 4719512098394 | 884102070693 |
| MPY-6501-SFHAGV-ST | 4719512098400 | 884102070709 |
| MPY-6501-SFHAGV-AU | 4719512098417 | 884102070716 |
| MPY-6501-SFHAGV-BR | 4719512098424 | 884102070723 |
| MPY-6501-SFHAGV-KR | 4719512098431 | 884102070730 |
| MPY-6501-SFHAGV-TW | 4719512098448 | 884102070747 |
| MPY-6501-SFHAGV-JP | 4719512098455 | 884102070754 |
| MPY-6501-SFHAGV-IN | 4719512098462 | 884102070761 |
| MPY-6501-SFHAGV-WO | 4719512098479 | 884102070778 |

|                    |   |
|--------------------|---|
| Nett Weight        | 1.76 kg / 3.88 lb                         |
| Gross Weight       | 2.06 kg / 4.542 lb                        |
| Package Dimensions | 260 x 190 x 100mm (10.24 x 7.48 x 3.94")  |
| Carton Dimensions  | 520 x 275 x 215mm (20.47 x 10.83 x 8.46") |
| Unit / Carton      | 5 pcs                                     |
| Carton / Pallet    | 24 pcs                                    |

## SPECIFICATIONS

|                        |   |                              |  |
|------------------------|---|------------------------------|--|
| Product Name           | V650 SFX Gold   |                              |  |
| Item Code              | MPY-6501-SFHAGV   |                              |  |
| ATX Version            | SFX 12V Ver. 3.42   |                              |  |
| PFC                    | Active PFC  |                              |  |
| Input Voltage          | 90~264V   |                              |  |
| Input Current          | 8~4A  |                              |  |
| Input Frequency        | 47~63Hz   |                              |  |
| Dimensions (L x W x H) | 100 x 125 x 63.5mm  |                              |  |
| Fan Size               | 92mm  |                              |  |
| Fan Bearing            | FDB   |                              |  |
| Efficiency             | 90% @ Typical Load  |                              |  |
| 80 PLUS Rating         | 80 PLUS Gold  |                              |  |
| ETA Rating             | A   |                              |  |
| AMBDA Rating           | A   |                              |  |
| ErP 2014 Lot 3         | Yes   |                              |  |
| Operating Temperature  | 0~50°C  |                              |  |
| Power Good Signal      | 100-500ms   |                              |  |
| Hold Up Time           | 16ms  |                              |  |
| MTBF                   | >100,000 hours  |                              |  |
| Protections            | OVP / OPP / SCP / OCP / UVP / OTP / Surge and Inrush Protection |                              |  |
| Regulatory             | TUV, cTUVus, CE, BSMI, FCC, CCC, EAC, RCM, KCC, CB              |                              |  |
| Connectors             | ATX 24 Pin  | x1 (300mm)                   |  |
|                        | EPS 4+4 Pin   | x1 (450mm)                   |  |
|                        | EPS 8 Pin   | x1 (450mm)                   |  |
|                        | SATA  | x8 (400 + 120mm)             |  |
|                        | Peripheral 4 Pin  | x4 (100 + 115 + 115 + 115mm) |  |
|                        | PCI-e 6+2 Pin   | x4 (100 + 115 + 115 + 115mm) |  |

|             |                       |     |       |      |        |
|-------------|-----------------------|-----|-------|------|--------|
| AC INPUT    | 90~264V~ 8~4A 47~63Hz |     |       |      |        |
| DC OUTPUT   | +3.3V                 | +5V | +12V  | -12V | +5Vstb |
|             | 20A                   | 20A | 54.1A | 0.3A | 3A     |
| TOTAL POWER | 120W                  |     | 650W  |      |        |
|             | 650W                  |     |       |      |        |

## CABLES





Make It Yours.

## FEATURES



SFX Form Factor



SFX-to-ATX Bracket



80 PLUS Gold Certified



Quiet FDB Fan



Full-Modular Cabling



10 Year Warranty