

# MSI MPG A650GF - Power supply (internal)

ATX12V / EPS12V - 80 PLUS Gold - AC 100-240 V - 650 Watt - active PFC

|                       |                 |
|-----------------------|-----------------|
| Group                 | Power Supply    |
| Manufacturer          | MSI             |
| Manufacturer item no. | 306-7ZP0A11-CE0 |
| EAN/UPC               | 4719072754259   |



## Description

MSI MPG A650GF - Power supply (internal) - ATX12V / EPS12V - 80 PLUS Gold - AC 100-240 V - 650 Watt - active PFC

## Main features

|                          |                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description      | MSI MPG A650GF - power supply - 650 Watt                                                                                                                                                                |
| Device Type              | Power supply - active Power Factor Correction (PFC) - internal                                                                                                                                          |
| Specification Compliance | ATX12V / EPS12V                                                                                                                                                                                         |
| 80 PLUS Certification    | 80 PLUS Gold                                                                                                                                                                                            |
| Input Voltage            | AC 100-240 V                                                                                                                                                                                            |
| Output Voltage           | +3.3, +5, ±12 V                                                                                                                                                                                         |
| Power Capacity           | 650 Watt                                                                                                                                                                                                |
| Output connectors        | 1 x power 24 pin ATX   2 x power 8 pin EPS12V with detachable 4 pin ATX12V section   8 x 15 pin Serial ATA power   5 x 4 PIN internal power   4 x 8 pin PCI Express power with detachable 2 pin section |
| Modular Cable Management | Yes                                                                                                                                                                                                     |
| Cooling System           | 140 mm fan                                                                                                                                                                                              |
| Dimensions (WxDxH)       | 15 cm x 16 cm x 8.6 cm                                                                                                                                                                                  |

## Extended details

| General                         |                                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Type                     | Power supply - active Power Factor Correction (PFC) - internal                                                                                                                                          |
| Specification Compliance        | ATX12V / EPS12V                                                                                                                                                                                         |
| PSU Form Factor                 | ATX                                                                                                                                                                                                     |
| Power Device                    |                                                                                                                                                                                                         |
| Input Voltage                   | AC 100-240 V                                                                                                                                                                                            |
| Frequency Required              | 47 - 63 Hz                                                                                                                                                                                              |
| Power Output Connectors Details | 1 x power 24 pin ATX   2 x power 8 pin EPS12V with detachable 4 pin ATX12V section   8 x 15 pin Serial ATA power   5 x 4 PIN internal power   4 x 8 pin PCI Express power with detachable 2 pin section |
| Output Voltage                  | +3.3, +5, ±12 V                                                                                                                                                                                         |

|                          |                                                                                                                                                                                                           |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Capacity           | 650 Watt                                                                                                                                                                                                  |
| Output Current           | +3.3V - 20 A   +5V - 20 A   -12V - 0.3 A   +5VSB - 2.5 A   +12VMBPH - 25 A   +12VCPU - 25 A   +12VVGA1 - 30 A   +12VVGA2 - 30 A                                                                           |
| Efficiency               | 90%                                                                                                                                                                                                       |
| Modular Cable Management | Yes                                                                                                                                                                                                       |
| 80 PLUS Certification    | 80 PLUS Gold                                                                                                                                                                                              |
|                          | <b>Miscellaneous</b>                                                                                                                                                                                      |
| Cooling System           | 140 mm fan                                                                                                                                                                                                |
| Features                 | Overheat protection, over current protection, over voltage protection, overpower protection, undervoltage protection, short-circuit protection, DC-DC technology, fully modular, LLC Half Bridge Topology |
|                          | <b>Manufacturer Warranty</b>                                                                                                                                                                              |
| Service & Support        | Limited warranty - 10 years                                                                                                                                                                               |
|                          | <b>Dimensions &amp; Weight</b>                                                                                                                                                                            |
| Width                    | 15 cm                                                                                                                                                                                                     |
| Depth                    | 16 cm                                                                                                                                                                                                     |
| Height                   | 8.6 cm                                                                                                                                                                                                    |

Technical data © 1WorldSync. Subject to technical modifications and errors.