

# Seasonic G12-GC power supply unit



|                  |               |
|------------------|---------------|
| Artikel          | 125756        |
| Herstellernummer | G12-GC-650    |
| EAN              | 4711173876779 |
| Seasonic         |               |

The G12 GC Series is available in the standard ATX Form Factor and in wattages that are most common for a PC system. The Seasonic G12 GC-Series achieves 80 PLUS Gold standard of providing at least 87 %, 90 % and 87 % power usage efficiency at 20 %, 50 % and 100 % operating loads, respectively. This efficiency, combined with Active Power Factor Correction, enables the G12 GC series power supplies to lessen energy waste, which translates into savings on the costs of energy costs for its users. In addition to being greatly efficient, the G12 GC units utilize the LLC resonant converter design, and the industry's leading Smart and Silent Fan Control (S2FC).

## Zusammenfassung

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Seasonic G12-GC, 650 W, 100 - 240 V, 50 - 60 Hz, 10 A, Active, 100 W

Seasonic G12-GC. Total power: 650 W, AC input voltage: 100 - 240 V, AC input frequency: 50 - 60 Hz. Motherboard power connector: 20+4 pin ATX, SATA power cable length: 690 mm, Peripheral (Molex) power cable length: 690 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Gold. Product colour: Black, Fan diameter: 12 cm. Width: 150 mm, Depth: 140 mm, Height: 86 mm

## Merkmale

### Logistics data

|                             |          |
|-----------------------------|----------|
| Harmonized System (HS) code | 84733020 |
|-----------------------------|----------|

### Operational conditions

### Performance

|                                     |              |
|-------------------------------------|--------------|
| 80 PLUS certification               | 80 PLUS Gold |
| Supported motherboard form factors  | ATX          |
| Purpose                             | PC           |
| Power supply unit (PSU) form factor | ATX          |
| Silent mode                         | Y            |

Operating temperature (T-T) 0 - 50 °C

Design

|                |       |
|----------------|-------|
| Product colour | Black |
| Fan diameter   | 12 cm |

Weight & dimensions

|        |        |
|--------|--------|
| Width  | 150 mm |
| Depth  | 140 mm |
| Height | 86 mm  |

|                                   |   |
|-----------------------------------|---|
| Bearing technology                | Sleeve                                    |
| Mean time between failures (MTBF) | 100000 h                                  |
| Safety                            | cTUVus, TUV, CB, CCC, BSMI, CE, FCC       |
| Certification                     | Energy Star, RoHS, WEEE, ErP Lot 6, REACH |

Ports & interfaces

|   |              |
|---|--------------|
| Motherboard power connector                 | 20+4 pin ATX |
| Number of SATA power connectors             | 6            |
| SATA power cable length                     | 690 mm       |
| Peripheral (Molex) power connectors (4-pin) | 3            |
| Peripheral (Molex) power cable length       | 690 mm       |
| PCI Express power connectors (6-pin)        | 2            |
| PCI Express power connectors (8-pin)        | 2            |
| PCI Express power cable length              | 70 cm        |
| PCI Express connector                       | Y            |

Power

|                                    |             |
|------------------------------------|-------------|
| Total power                        | 650 W       |
| AC input voltage                   | 100 - 240 V |
| AC input frequency                 | 50 - 60 Hz  |
| Input current                      | 10 A        |
| Power Factor Correction (PFC) type | Active      |
| Combined power (+3.3V)             | 100 W       |
| Combined power (+12V)              | 648 W       |
| Combined power (+5V)               | 100 W       |
| Combined power (-12V)              | 3.6 W       |
| Combined power (+5Vsb)             | 12.5 W      |
| Max output current (+3.3V)         | 15 A        |
| Max output current (+12V)          | 54 A        |
| Max output current (+5V)           | 15 A        |
| Max output current (-12V)          | 0.3 A       |
| Max output current (+5Vsb)         | 2.5 A       |

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.