

# Seasonic G12 GM power supply unit

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<b>Artikel</b>	128226
<b>Herstellernummer</b>	G12-GM-550
<b>EAN</b>	4711173874744
Seasonic	

The G12 GM Series is available in the standard ATX Form Factor and in wattages that are most common for a PC system. The Seasonic G12 GM-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 GM 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 GM units utilize the LLC resonant converter design, and the industry's leading Smart and Silent Fan Control (S2FC).

## **80 PLUS GOLD**

The G12 GC achieves 80 PLUS Gold certification with its 90 % efficiency at 50 % system load.

## **S2FC - SMART AND SILENT FAN CONTROL**

The intelligent thermal circuit feature is designed to find the optimal balance between the necessity to cool the components and the need to run the power supply in the most silent manner possible.

## Zusammenfassung

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Seasonic G12 GM, 550 W, 100 - 240 V, 50 - 60 Hz, 10 A, 100 W, 540 W

Seasonic G12 GM. Total power: 550 W, AC input voltage: 100 - 240 V, AC input frequency: 50 - 60 Hz. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 55 cm, 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, Cooling type: Active, Fan diameter: 12 cm. Cables included: AC, PCIe, Peripheral (Molex), SATA

## Merkmale

### Operational conditions

Operating temperature (T-T) 0 - 50 °C

### Packaging data

Package type Box

### Technical details

Sustainability certificates RoHS

### Packaging content

Cables included AC, PCIe, Peripheral (Molex), SATA

Cable tie(s) included Y

### Weight & dimensions

Width 150 mm

Depth 140 mm

Height 86 mm

### Design

Product colour Black

Cooling type Active

Fan diameter 12 cm

Number of fans 1 fan(s)

On/off switch Y

### Performance

80 PLUS certification 80 PLUS Gold

Purpose PC

Power supply unit (PSU) form factor ATX

Bearing technology Sleeve

Mean time between failures (MTBF) 100000 h

Certification cTUVus, TUV, CB, CCC, BSMI, CE, FCC, RoHS, WEEE, ErP Lot 6, REACH

### Ports & interfaces

Motherboard power connector 20+4 pin ATX

Motherboard power cable length 55 cm

Number of SATA power connectors 6

Peripheral (Molex) power connectors (4-pin) 3

Peripheral (Molex) power cable length 690 mm

PCI Express power connectors (6+2 pin) 2

PCI Express power cable length 70 cm

Cabling type Semi-Modular

### Power

Total power 550 W

AC input voltage 100 - 240 V

AC input frequency 50 - 60 Hz

Input current 10 A

Combined power (+3.3V) 100 W

Combined power (+12V) 540 W

Combined power (+5V) 100 W

Combined power (-12V) 3.6 W

Combined power (+5Vsb) 12.5 W

Max output current (+3.3V) 20 A

Max output current (+12V) 45 A

Max output current (+5V) 20 A

Max output current (-12V) 3.6 A

Max output current (+5Vsb) 2.5 A

Power protection features Over current, Over voltage, Short circuit