

# Seasonic B12 BC power supply unit

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Artikel	124837
Herstellernummer	B12 BC-550
EAN	4711173876748
Seasonic	

The B12 BC Series is available in the standard ATX Form Factor and in wattages that are most common for a PC system. The Seasonic B12 BC achieves 80 PLUS® Bronze standard of providing at least 82 %, 85 % and 82 % power usage efficiency at 20 %, 50 % and 100 % operating loads, respectively. This efficiency, combined with Active Power Factor Correction, enables the B12 BC 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 B12 BC units utilize the LLC resonant converter design, and the industry's leading Smart and Silent Fan Control (S2FC).

## 80 PLUS BRONZE

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## Zusammenfassung

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Seasonic B12 BC, 550 W, 100 - 240 V, 50 - 60 Hz, 10 A, 100 W, 540 W

Seasonic B12 BC. 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, CPU power cable length: 60 cm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Bronze. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Width: 150 mm, Depth: 140 mm, Height: 86 mm

## Merkmale

### Logistics data

Harmonized System (HS) code	84733020
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### Operational conditions

Operating temperature (T-T)	0 - 50 °C
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### Technical details

Sustainability certificates	CE, ENERGY STAR, REACH, RoHS, WEEE
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### 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)
Fan location	Top
On/off switch	Y

### Performance

80 PLUS certification	80 PLUS Bronze
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

### 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
EPS power connector (4+4 pin)	Y
PCI Express power connectors (6+2 pin)	2
CPU power connector (4+4 pin)	Y
CPU power cable length	60 cm
ATX power connector (20+4 pin)	Y
PCI Express connector	Y
Cabling type	Non-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)	15 A
Max output current (+12V)	45 A
Max output current (+5V)	15 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	2.5 A
Power protection features	Over current, Over power, Over voltage, Short circuit