Seasonic FOCUS-GX-750 power supply unit

Artikel	132038
Herstellernummer	FOCUS-GX-750
EAN	4711173874690
Seasonic	

FOCUS GX (ONESEASONIC)

The newly upgraded FOCUS PX and GX series are the successor to the FOCUS PLUS Series, which became an instant the top seller in the power supply market after its launch in 2017. In 2019, Seasonic engineers have made improvements on the popular series, removing the inline capacitors on the supplied cables. Besides the small change in the series naming, the PSU housing and its packaging are also updated to be in line with the concept of the OneSeasonic Initiative.

80 PLUS® GOLD
The FOCUS GX achieves 80 PLUS® Gold certification with its 90 % efficiency at 50 % system load.

CABLE-FREE CONNECTION DESIGN
Seasonic's engineers have implemented a new design feature, where instead of cables; the back panel and the PCB (Printed Circuit Board) are connected by a copper plate. This breakthrough solution not only lowers the chance of production errors during manual insertion but it also improves output power quality.

HYBRID SILENT FAN CONTROL
The industry's first, Seasonic patented, advanced three-phased thermal control achieves optimal between silence and cooling. This Hybrid Silent Fan Control functions in three operational stages: Fanless Mode, Silent Mode, and Cooling Mode.

THE FAN CONTROL BUTTON
The fan control button can be found on the back of the FOCUS PLUS power supply, next to the power switch. The image here illustrates how to select different fan control modes to suit your need.

DO NOT press the button if you wish to include the Fanless Mode, which means the fan in the power supply will not spin when the power supply is under light loads. Press the button if you wish to have the fan spin at all times, even at lower loads.

FLUID DYNAMIC FAN BEARING
High performance Fluid Dynamic Bearing (FDB) fans are designed to take advantage of the impact absorbance effects of oil. They are extremely reliable and generate considerably less operating noise and heat than ball bearing fans. The lubrication of the bearing surface reduces friction and vibration and therefore lowers overall power consumption. Due to the effortless, quieter rotations and its robust construction, this reliable fan technology also greatly increases the lifespan of the fan.

HOW IT WORKS
When the fan shaft rotates, high pressure oil drifts along the grooves of the bearing sleeve to generate a thin layer of lubrication between the bearing faces. As the speed increases, so does dynamic oil pressure and the shaft is lifted from the bearing to create smooth, effortless rotations. The herringbone shape of the groves helps to efficiently channel the lubricant and avert leakage.

Zusammenfassung

FOCUS GX (ONESEASONIC)

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Seasonic FOCUS-GX-750, 750 W, 100 - 240 V, 50 - 60 Hz, 5 - 10 A, 100 W, 744 W

Seasonic FOCUS-GX-750. Total power: 750 W, AC input voltage: 100 - 240 V, AC input frequency: 50 - 60 Hz. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 61 cm, SATA power cable length: 450,570,810,860 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. Width: 150 mm, Depth: 140 mm, Height: 86 mm

Merkmale

Logistics data

Harmonized System (HS) code	84733020

Operational conditions

Operating temperature (T-T)	0 - 50 °C

Packaging data

Package type	Box

Design

Product colour	Black
Cooling type	Active
Fan diameter	12 cm
On/off switch	Yes

Performance

80 PLUS certification	80 PLUS Gold
Purpose	PC
Power supply unit (PSU) form factor	ATX
Bearing technology	FDB
Mean time between failures (MTBF)	100000 h

Technical details

Sustainability certificates	ENERGY STAR
Compliance certificates	RoHS

Weight & dimensions

Width	150 mm
Depth	140 mm
Height	86 mm

Safety	cTUVus, TUV, CB, CCC, BSMI, EAC, CE
Certification	WEEE, ErP Lot 6, REACH

Ports & interfaces

Motherboard power connector	20+4 pin ATX
Motherboard power cable length	61 cm
SATA power cable length	450,570,810,860 mm
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	75 cm
CPU power connector (4+4 pin)	Yes
CPU power cable length	65 cm
Cabling type	Fully-Modular

Power

Total power	750 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Input current	5 - 10 A
Combined power (+3.3V)	100 W
Combined power (+12V)	744 W
Combined power (+5V)	100 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	20 A
Max output current (+12V)	62 A
Max output current (+5V)	20 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage