

- **Compliant with ATX 12V 3.1**
- **Support PCIe GEN5**
- **80PLUS Gold certified efficiency**
- **LLC Half-Bridge converter with DC to DC technology**

The **CHIEFTEC VEGA Series** power supply is built to Intel's ATX 12V 3.1 standard and supports PCIe GEN5 with 80PLUS Gold certified efficiency. It prioritizes a competitive price-to-performance ratio up to 850W while maintaining the trusted Chieftec quality.

The Vega Series features LLC Half-Bridge converter with DC-to-DC technology to provide enhanced power efficiency and stability. The equipped extra-long native black cables make it suitable for mainstream gamers to build their system, even in larger PC cases.

Additionally, its 135mm fluid dynamic bearing (FDB) silent fan optimizes the balance between cooling performance and noise levels. The Vega Series is your trusted reliable choice for all computing needs incorporating all necessary modern protection and safety features.



TECHNICAL DATA

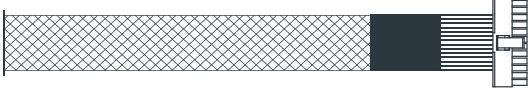

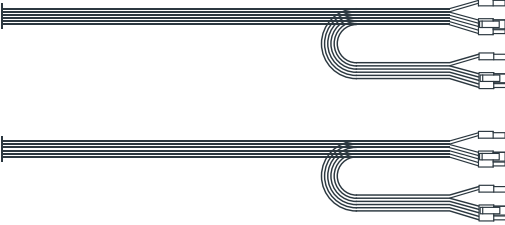

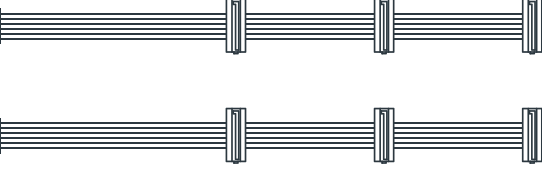

Model	VEGA 850W
Article no.	PPG-850-S
Specification	ATX 12V 3.1
Form factor	ATX
Efficiency	80Plus Gold
PFC	Active PFC (0.9)
Fan	135mm FDB fan
Dimension(DxWxH)	150mm x 150mm x 85mm
P.F.	>0.9
Security	AFC (Automatic Fan speed Control) OPP (Overload protection) OTP (Over Temperature Protection) OVP (Overvoltage protection) SCP (Short-circuit protection) SIP (Surge & Inrush Protection) UVP (Under Voltage protection) OCP (Over-Current Protection)
Warranty	5 Years

OUTPUT DATA

PPG-850-S	AC Input	100 - 240V~ / 12 - 6A / 50 - 60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5VSB
	Max. Current	20A	20A	70.8A	0.3A	3.0A
	Max. Combined Power	100W		850W	3.6W	15W
			850W			

*The listed specifications may be altered at any point in time without any pre-notice.

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	Cable	Connectors	Length (mm)
	24 PIN ATX	1	600
	8 PIN EPS (8/4+4)	1/1	650/150
	8 PIN PCIe (6+2)	4	2 x 600/150
	16 PIN PCIe GEN5	1	600
	SATA	6	2 x 400/150/150
	MOLEX	3	400/150/150

Specifications



Version: 10/2024

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