**CHIEFTEC**
IN THIS YOU CAN TRUST

· **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.
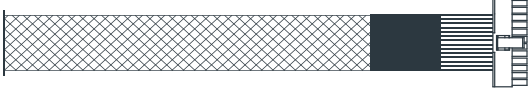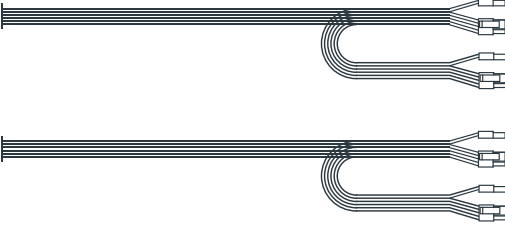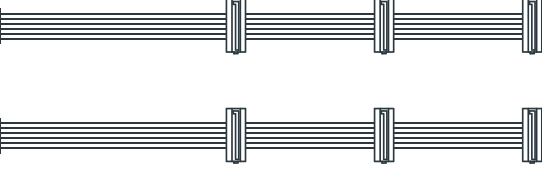
| TECHNICAL DATA | |
|---|---|
| Model | VEGA 850W |
| Article no. | PPG-850-S |
| Specification | ATX 12V 3.1 |
| Form factor | ATX |
| Efficiency | 80Plus Gold |
| PFC | Active PFC (0.9) |
| Fan | 135mm FDB fan |
| Dimention(DxWxH) | 150mm x 150mm x 85mm |
| P.F. | >0.9 |
| Security | AFC (Automatic Fan speed Control)<br>OPP (Overload protection)<br>OTP (Over Temperature Protection)<br>OVP (Overvoltage protection)<br>SCP (Short-circuit protection)<br>SIP (Surge & Inrush Protection)<br>UVP (Under Voltage protection)<br>OCP (Over-Current Protection) |
| Warranty | 24 Months |

| 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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