- **80 PLUS® Gold certified efficiency**

- **Fully modular cable management**

- **LLC Half-bridge converter with DC-to-DC technology**

The **Polaris Series** brings **CHIEFTEC's** trusted and proven experience with high quality, **80 PLUS® Gold** certified, fully modular power supplies back to the forefront of modern technology. Polaris Series PSU's feature state-of-the-art technical design including **LLC half-bridge** converter with **DC-to-DC** technology, as well as high power-density to allow higher efficiency and power output with a more compact size. Cable lengths of 650mm ensure that these power-supplies can be used even in large builds.
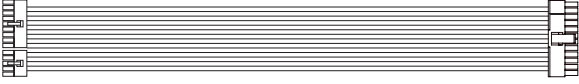
| Technical data | |
| --- | --- |
| Model | Polaris Series |
| Articel no. | PPS-1050FC |
| ATX12V Version | v 2.53 |
| Efficiency | 80 PLUS® Gold |
| PFC | Active PFC |
| Fan | 135mm FDB silent fan |
| Dimension (DxWxH) | 160mm x 150mm x 86mm |
| Security | AFC (Automatic Fan speed Control)<br>OCP (Over Current Protection)<br>OPP (Over Power Protection)<br>OTP (Over Temperature Protection)<br>OVP (Over Voltage Protection)<br>SCP (Short Circuit Protection)<br>SIP (Surge & Inrush Protection)<br>UVP (Under Voltage Protection) |
| Warranty | 24 Months |

| Output data | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| PPS - 1050FC | AC Input | 100-240V / 15 - 8A / 50 - 60Hz | | | | |
| | DC Output | +3.3V | +5V | +12V | -12V | +5VSB |
| | Max. Current | 22A | 22A | 87.5A | 0.3A | 3.0A |
| | Max. Combined Power | 120W | | 1050W | 3.6W | 15W |
| | | 1050W | | | | |

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

\*\* Chieftec® is a registered trademark. All other brands and/or logos are property of the respective owners.

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In this case you can trust!

| | Cable | Connectors | Length (mm) |
|---|---|---|---|
| | 24 PIN ATX | 1 | 650 |
| | 8 PIN EPS (4+4) | 2 | 2 x 650 |
| | 8 PIN PCIe (6+2) | 6 | 3 x 600/100 |
| | SATA | 12 | 3 x 550/100/100/100 |
| | MOLEX | 4 | 550/100/100/100 |

## Certification

80 PLUS GOLD · TÜV Rheinland CERTIFIED · TÜV Rheinland · FC · CE · CB · EAC · interseroh · RoHS LEAD FREE · ErP · WEEE

Version: 10/2020

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