

- 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

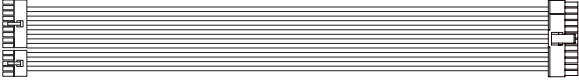

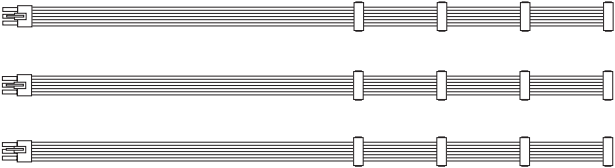

Model	Polaris Series
Articel no.	PPS-850FC
ATX12V Version	v 2.53
Efficiency	80 PLUS® Gold
PFC	Active PFC
Fan	135mm FDB silent fan
Dimension (DxWxH)	160mm x 150mm x 86mm
Security	AFC (Automatic Fan speed Control) OCP (Over Current Protection) OPP (Over Power Protection) OTP (Over Temperature Protection) OVP (Over Voltage Protection) SCP (Short Circuit Protection) SIP (Surge & Inrush Protection) UVP (Under Voltage Protection)
Warranty	24 Months

#### Output data

PPS - 850FC	AC Input	100-240V / 12 - 8A / 50 - 60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5VSB
	Max. Current	22A	22A	70.8A	0.3A	3.0A
	Max. Combined Power	120W		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	650
	8 PIN EPS (4+4)	2	2 x 650
	8 PIN PCIe (6+2)	4	2 x 600/100
	SATA	12	3 x 550/100/100/100
	MOLEX	4	550/100/100/100

### Certification



Version: 10/2020

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