

- 80PLUS® Gold certified efficiency
- Fully modular cable management
- High power density design for compact size
- LLC half-bridge converter with DC-to-DC technology

The Polaris Series brings CHIEFTEC's trusted and proven experience with high quality, 80PLUS® 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.

With the size of only 140mm in length and fully modular cable management, the Polaris Series is easy to install in any system for standard ATX PSU. Cable lengths of 650mm ensure that these power-supplies can be used even in large builds. Whether a small PSU housing for compact system is needed or longer cables for large systems, the Polaris Series can be trusted to do the job with top performance and efficiency.

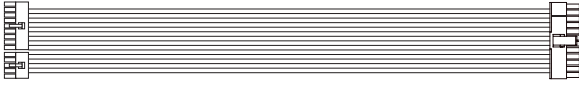


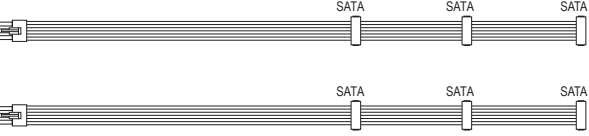



Technical data	
Model	Polaris 650W
Artikel no.	PPS-650FC
EAN code	0753263076434
Weight (Net/Gross)	2.175 kg / 2.480 kg
Specification	ATX 12V 2.4
Form factor	PS II
Efficiency	80 PLUS® Gold
PFC	Active PFC
Fan	120mm silent fan
Dimension (DxWxH)	140mm x 150mm x 87mm
Security	AFC (Automatic Fanspeed Control) OCP (Overcurrent protection) OPP (Overload protection) OTP (Over-temperature protection) OVP (Overvoltage protection) SCP (Short-circuit protection) SIP (Surge & Inrush Protection) UVP (Undervoltage protection)
Warranty	24 Months

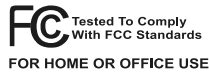
Output data						
Polaris Series 650W	AC Input	100-240V 50-60Hz 10A				
	DC Output	+3.3V	+5V	+12V	-12V	+5VSB
	Max. Current	22A	22A	54.2A	0.3A	3.0A
	Max. Combined Power	120W		650W	3.6W	15W
			650W			

\* 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 (20+4)	1	650
	8 PIN PCI-E (6+2)	4	2x 500/150
	8 PIN EPS (4+4)	2	650/150
	SATA	6	2x 450/150/150
	MOLEX	3	450/150/150/150
	FLOPPY	1	

Certification



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