

With the **PROTON Series**, CHIEFTEC advances into the new-age DC to DC power supply technology. The series allows for energy conservation, as well as a much higher efficiency and power stability, which in turn ensures a higher longevity of installed components. The efficiency of the PROTON Series is certified at **80 PLUS® BRONZE** thereby fulfilling all **ENERGY STAR 5.0** and higher requirements as stipulated by the EU.



Technical data

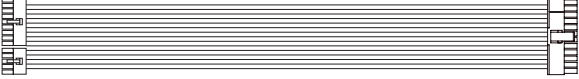




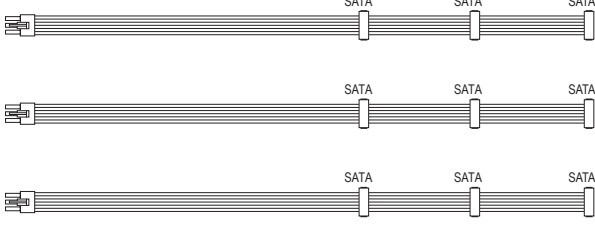
Model	Proton 850W
Artikel no.	BDF-850C
EAN code	4710713231306
Weight (without/with package)	2.48 kg / 2.98 kg
Specification	ATX 12V 2.3
Form factor	PS II
Efficiency	80 PLUS® Bronze
PFC	Active PFC (0.9)
Fan	140mm silent fan
Dimension (DxWxH)	160mm x 150mm x 87mm
Security	AFC (Automatic Fanspeed Control) 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

Proton 850W	AC Input	100-240V 50-60Hz 15A				
	DC Output	+3.3V	+5V	+12V	-12V	+5VSB
	Max. Current	22A	22A	70.5A	0.5A	3A
	Max. Combined Power	140W		846W	6W	15W
		850W				

* 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.

	Cable	Connectors	Length (mm)
	24 PIN (20+4)	1	500
	8 PIN EPS (4+4)	1	550
	8 PIN EPS	1	550
	8 PIN PCI-E (6+2)	6	3x 500/150
	MOLEX	3	450/150/150/150
	FLOPPY	1	
	SATA	9	3x 450/150/150

Certification



* 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.