

PROTON SERIES

BDF-5005 // Native cable management // 500WATT



Product: PSL

Form factor: PSII

Color: black

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 **80 PLUS BRONZE** hereby fulfilling a **ENERGY STAR** 5.0 and higher requirement as stipulated by the EU.

Certificates



Technical data

Specification	ATX 12V 2.3
Efficiency	80 PLUS BRONZE
Dimensions (DxWxH):	140 mm x 150 mm x 97 mm
PFC	Active PFC (0.9)
Fan:	120mm silent fan

Connectors

24PIN	54-pin	6X3.5"4	4-15V 1.0V	6-16V 1.2V	3-16V 1.5V (max=1)	3-16V 1.5V (max=1)
1	6	11	12	12	11	1

DC Output / AC Input

AC: 100-240V 50/60Hz Input Power: 500W MAX. Output: 500W	DC OUTPUT							
	+5V	+5Vsb	+12V	+12Vsb	+12Vsb	+12Vsb	50V	+5Vsb
	1-2	1-3	1-4,10	1-5	1-6	1-7	1-8	1-9
	5.0V		12.0V	Not	Not	Not	50V	5.0V

Security: OVR; OVP; SCP; OPP; APC

*All measurements taken under typical load conditions as per ATX 12V 2.3 specification. All trademarks and logos are property of their respective owners.