

# PROTON SERIES

BDF-850C // Full cable management // 850WATT



**Product:** PSU

**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 at **80 PLUS BRONZE** thereby fulfilling all **ENERGY STAR 5,0** and **higher** requirements as stipulated by the EU.

**Certificates:**



## Technical data

|                            |                         |
|----------------------------|-------------------------|
| <b>Specification</b>       | ATX 12V 2.3             |
| <b>Efficiency:</b>         | 80PLUS BRONZE           |
| <b>Dimensions (DxWxH):</b> | 160 mm x 150 mm x 87 mm |
| <b>PFC:</b>                | Active PFC (0,9)        |
| <b>Fan:</b>                | 140mm silent fan        |

### Connectors

| 24PIN   | SATA | MOLEX | Floppy | 6PIN PCIe | 8PIN PCIe (6+2) | 8PIN EPS (4+4) |
|---------|------|-------|--------|-----------|-----------------|----------------|
| 1(20+4) | 9    | 3     | 1      | 0         | 4               | 1              |

### DC Output / AC Input

| AC INPUT: 115-230V<br>FREQUENCY: 50-60 HZ<br>MAX. LOAD: 850W | DC OUTPUT |       |       |       |       |       |      |      |       |
|--|-----------|-------|-------|-------|-------|-------|------|------|-------|
|  | +5V       | +3,3V | +12V1 | +12V2 | +12V3 | +12V4 | P.F. | -12V | +5VSB |
|  | 22A       | 22A   | 70,5A | N/A   | N/A   | N/A   | >0,9 | 0,5A | 3,0A  |
|  | 140W      |       | N/A   |       | N/A   |       |      |      |       |

### Security

UVP; OVP; OPP; SCP; OCP; OTP

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