

# PROTON SERIES

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



**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 (LxWxH): | 140 mm x 150 mm x 87 mm |
| PFC                 | Active PFC (0.9)        |
| Fan:                | 140mm silent fan        |

|            |        |        |         |      |             |                  |                  |
|------------|--------|--------|---------|------|-------------|------------------|------------------|
| Connectors | 24PIN  | 54-pin | 6X SATA | 4pin | 6.3x1.25pin | 3.9x1.25pin (x2) | 3.9x1.25pin (x2) |
|            | 12V+0V | 5V     | 3       | 1    | 1           | 1                | 1                |

| DC Output / AC Input | AC: 100-240V~50/60Hz<br>Input Power: 500W~1200W<br>MAX. Output: 850W | DC OUTPUT |       |      |        |        |        |      |       |
|----------------------|----------------------------------------------------------------------|-----------|-------|------|--------|--------|--------|------|-------|
|                      |                                                                      | +5V       | +5Vsb | +12V | +12Vsb | +12Vsb | +12Vsb | 5.0V | +5.0V |
|                      |                                                                      | 100%      | 100%  | 100% | 100%   | 100%   | 100%   | 100% | 100%  |
|                      |                                                                      | 100%      |       | 100% |        | 100%   |        | 100% | 100%  |

**Security:** OVP; OVR; SCP; OPP; OCP; OTP; AFC

\*All measurements are taken under typical load conditions as per standard. The registered trademark of the brand and logos are presented for identification.