

- 80 PLUS® Gold certified efficiency
- Fully modular cable management
- Full-bridge LLC converter with DC-to-DC technology
- Low ripple and tight voltage regulation
- 5-year warranty

With the **PowerUp series**, Chieftec aims to bring the well-received technical quality and high performance of the PowerPlay series to the mainstream gamer's market. With modern full-bridge LLC and DC-to-DC technology, extremely low ripple values and tight voltage regulation can be achieved.

A high power-density design allows this series to deliver up to 850W of power in a compact form factor, measuring only 14 cm in total length, while achieving **80 PLUS® Gold certified efficiency**. The compact size combined with the fully modular cable management, allows the PowerUp series to be used conveniently in smaller builds, where a short PSU is needed, while long, flat, black cables support builds even in very large gaming cases.



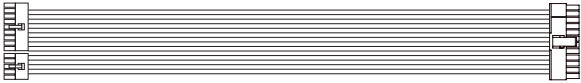
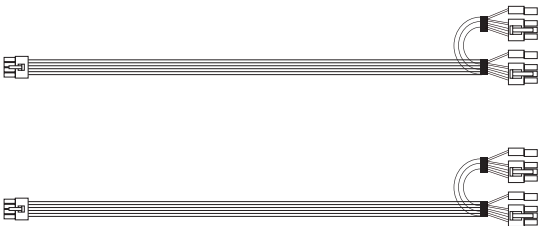
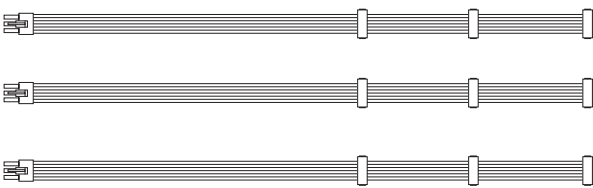
| Technical data    |                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model             | PowerUp 750W                                                                                                                                                                                                                                                                 |
| Article no.       | GPX-750FC                                                                                                                                                                                                                                                                    |
| ATX 12V version   | V2.53                                                                                                                                                                                                                                                                        |
| Efficiency        | 80 PLUS® Gold                                                                                                                                                                                                                                                                |
| PFC               | Active PFC                                                                                                                                                                                                                                                                   |
| Fan               | 120mm silent fan                                                                                                                                                                                                                                                             |
| Dimension (DxWxH) | 140mm x 150mm x 86mm                                                                                                                                                                                                                                                         |
| Security          | AFC (Automatic Fanspeed Control)<br>OCP (Over Current Protection)<br>OPP (Over Power Protection)<br>OTP (Over Temperature Protection)<br>OVP (Over Voltage Protection)<br>SCP (Short-Circuit Protection)<br>SIP (Surge & Inrush Protection)<br>UVP (Undervoltage Protection) |
| Warranty          | 60 months                                                                                                                                                                                                                                                                    |

| Output data  |                     |                              |       |       |      |       |
|--------------|---------------------|------------------------------|-------|-------|------|-------|
| PowerUp 750W | AC Input            | 100-240V / 47 - 63Hz / 10.0A |       |       |      |       |
|              | DC Output           | +3.3V                        | +5V   | +12V  | -12V | +5VSB |
|              | Max. Current        | 20.0A                        | 20.0A | 62.0A | 0.3A | 2.5A  |
|              | Max. Combined Power | 110W                         |       | 744W  | 3.6W | 12.5W |
|              |                     | 750W                         |       |       |      |       |

\* 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 ATX       | 1          | 650             |
|    | 8 PIN PCIe (6+2) | 4          | 2x 500/150      |
|    | 8 PIN CPU (4+4)  | 2          | 650/150         |
|   | SATA             | 9          | 3x 500/150/150  |
|  | Molex            | 3          | 500/150/150/150 |
|                                                                                     | Floppy           | 1          |                 |

## Certification



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