CHIEFTRONIC
Powered by Chieftec

PowerUp Series | 650W

- **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**, **Chieftronic** 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 650W
Article no.	GPX-650FC
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) OCP (Over Current Protection) OPP (Over Power Protection) OTP (Over Temperature Protection) OVP (Over Voltage Protection) SCP (Short-Circuit Protection) SIP (Surge & Inrush Protection) UVP (Undervoltage Protection)
Warranty	60 months

Output data						
PowerUp 650W	AC Input	100-240V / 47 - 63Hz / 10.0A				
	DC Output	+3.3V	+5V	+12V	-12V	+5VSB
	Max. Current	20.0A	20.0A	54.0A	0.3A	2.5A
	Max. Combined Power	100W		648W	3.6W	12.5W
		650W				

* The listed specifications may be altered at any point in time without any pre-notice.

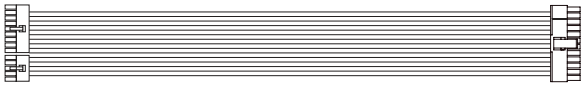
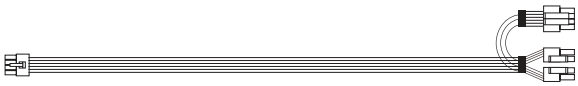
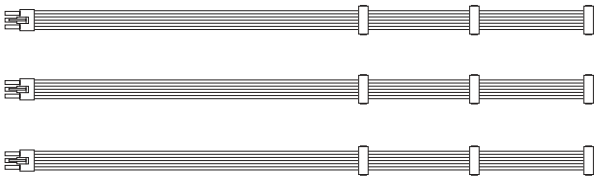
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	Cable	Connectors	Length (mm)
	24 PIN ATX	1	650
	8 PIN PCIe (6+2)	2	2x 500
	8 PIN CPU (4+4)	2	650/150
	SATA	9	3x 500/150/150
	Molex	3	500/150/150/150
	Floppy	1	

Certification



Version: 11/2020

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