ASTRO SERIES

ASTRO LITE 750W

Drive your Power and Exceed your Expectation

Astro Lite is a 80 PLUS Gold Certified Modular PSU with outstanding performance at a competitive price. It's a special tuned single +12V rail at powerful 62.5A max built with 90% efficiency at 50% load for power users. When the system is receiving enough power to supply all components in the PC system from a single rail, there would never be any power regulation issues since all power is drawn from just one source. Astro is all you need to keep up with competition.

Features：

- **80 Plus Gold Certified**
  With 87%~90% extreme high efficiency at 20%~100% of load to reduce the loss of electricity and save your money on facility bill.
- **Silent Design**
  Embedded 13.5cm sleeve ball bearing golf-surfaced fan. The patented golf-surfaced fan increases airflow and reduce overall noise level.
- **Advanced DC to DC Converter**
  Unparalleled DC to DC converters for 3.3V & 5V outputs to reach high efficiency.
- **Smart Fan Control**
  Equipped with "Smart Fan Control" design, which offers two types of operation modes, silent mode and cooling mode. The Astro adjusts fan operation mode automatically according to the system loading as well as the ambient temperature level.
- **Single +12V Output Rail**
  Offers maximum compatibility for the +12V demand.
- **Japanese-made Main Capacitors**
  Longer lifespan than electrolytic capacitors.
- **Reliable Japanese-made Solid-state Capacitors**
  Enhance your system durability and stability even under extreme conditions.
- **Long Cable Length**
  Long cables support the cable management behind motherboard.
- **Patented Easy Swap Connector**
  Quick and easy installation.
- **Easily Detachable and Flexible Flat Modular Cables**
  Use only the cables you need. Reduce clutter from unused connectors and enhance the air flow inside your system.
- **ErP Compliance**
  Its standby and off mode wouldn't exceed 0.5W consumption to save energy and maintain sustainable environment.

We do not take responsibility for typographical errors. Similar Image.

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Product Name		AL- 750GD	AL- 650GD	AL- 550GD
Model Number		**HPM-750GD-F14C**	HPM-650GD-F14C	HPM-550GD-F14C
Input	Voltage	**100-240V**	100-240V	100-240V
	Current	**10A**	10A	8A
	Total Watts	**750W**	650W	550W
Output	+5V	**22A**	22A	20A
	+3.3V	**22A**	22A	20A
	+12V	**62.5A**	54.2A	45.9A
	-12V	**0.3A**	0.3A	0.3A
	+5Vsb	**3.0A**	3.0A	3.0A
	+5V+3.3V	**120W**	120W	105W
	+12V Combined	**750W**	650W	550W
Connectors	20+4pin	**1**	1	1
	CPU 4Pin	**0**	0	0
	CPU 4+4Pin	**1**	1	1
	CPU 8Pin	**0**	0	0
	PCI-E 6+2pin	**4**	2	2
	PCI-E 6pin	**0**	0	0
	SATA	**8**	8	8
	HDD	**4**	4	4
	FDD	**1**	1	1
Dimension (W / D/ H)		**150x160x86mm**	150x160x86mm	150x160x86mm
Fan Bearing		**Sleeve bearing fan**	Sleeve bearing fan	Sleeve bearing fan
Fan Size(cm)		**13.5cm**	13.5cm	13.5cm
Modular Cable		**Semi-modular**	Semi-modular	Semi-modular
Off-Delay Fan		**-**	-	-
LED Power Meter		**-**	-	-
D-VRM		**-**	-	-
Japanese Capacitors		**Main**	Main	Main
Solid- state Capacitors		**V**	V	V
Double -sided PCB		**-**	-	-
Flat Cable		**V**	V	V
+12V Rail		**1 Rail**	1 Rail	1 Rail
Protection		**UVP/OVP/OPP/ SCP/OCP/OTP**	UVP/OVP/OPP/ SCP/OCP/OTP	UVP/OVP/OPP/ SCP/OCP/OTP
Safety		**FCC,CE,cTUVus, TUV,CB,CCC**	FCC,CE,cTUVus, TUV,CB,CCC	FCC,CE,cTUVus, TUV,CB,CCC
80 PLUS		**Gold**	Gold	Gold

Tested To Comply With FCC Standards FOR HOME OR OFFICE USE

Version: 5/2014

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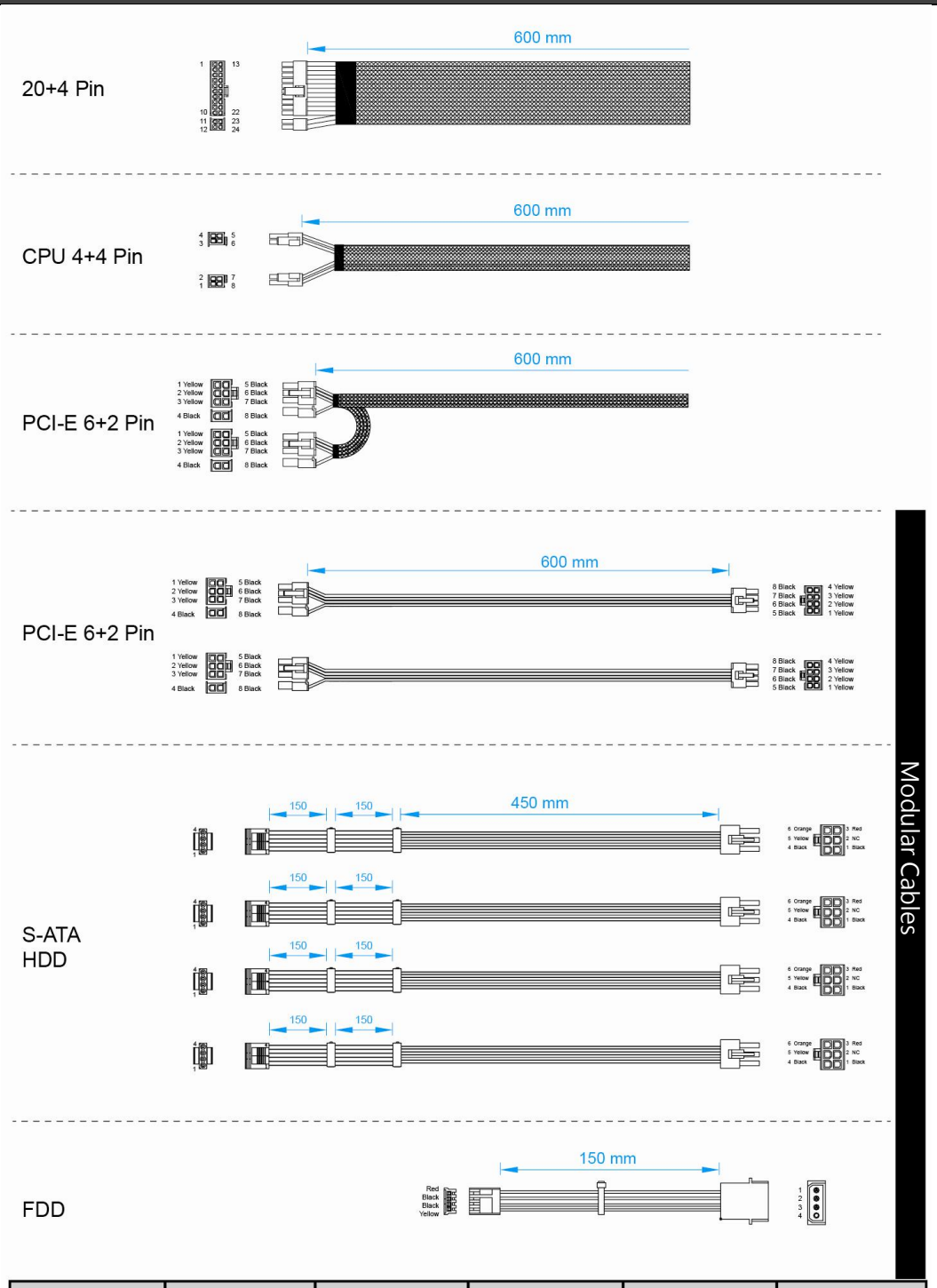
ASTRO LITE 750W

Product No.: AL-750GD

HIGH POWER

Cable management



20+4pin	CPU 4+4Pin	PCI-E 6+2Pin	SATA	HDD	FDD
1	1	4	8	4	1