



ASTRO GD 750W

Drive your Power and Exceed your Expectation



Astro is a tip top series of High Power product line! Astro GD series is 80Plus Gold certified and features the patented D-VRM technology which is the technology of digital control for a precise voltage regulation. D-VRM is greatly beyond the limits of analog designs. Another patented feature is Eagle-eye, the real time LED power meter which is the tri color LED indicator to show the real time power consumption. Simply gets the power supply status at a glance by Eagle-eye. Furthermore, its H-shaped fan guard provides the good ventilation and serves a production appearance as a literature. Astro Series is designed for PC builders who want the most reliable and efficient power supply that offers visually stunning to show their insistence on perfection.

Features :

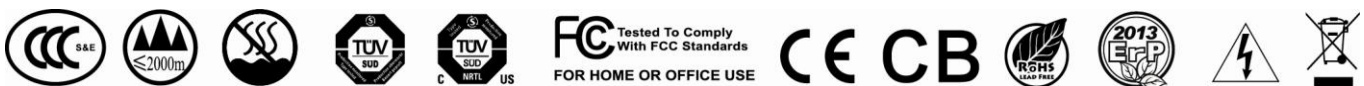
- **80 Plus Gold Certified**
With 89-91% extreme high efficiency at 20-100% of load to reduce the loss of electricity and save your money on facility bill.
- **Patented D-VRM technology, Digital Control for a Precise Voltage Regulation**
High Power's patent digital + VRM (D-VRM) is an innovative and industry-leading technology. D-VRM is made to minimize voltage fluctuation down to 0.5% (over industry standard 3-5%). The technology of digital control for a precise voltage regulation is greatly beyond the limits of analog designs. D-VRM design features the intelligently adjusting voltage with minimal power loss through the module of voltage monitoring and digitally adjusting voltage. D-VRM design empowers users with superior flexibility and perfect precision to ensure the extreme system stability and better power efficiency.
- **Eagle Eye – The patented real time power meter**
Tri color LED indicator shows the real time power consumption. Simply get the power supply status at a glance.
- **Intelligent Fan Control**
Astro offers three types of fan operation modes, fanless mode, silent mode and cooling mode. Astro adjusts fan operation mode automatically according to the system loading as well as the ambient temperature level. When the Astro is operating under 25% (+/- 5%) of the max output, the fan less mode is activated offering the absolute silent experience.
- **Silent Design**
It embedded 13.5cm dual 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.
- **Off- Delay Fan (Fan Stays On After System Off)**
It allows PSU fan to continue running after system shut down for few seconds approximately, it helps to exhaust residual air at the end of the heating/ cooling cycle for extending component life.
- **Single +12V Output Rail**
Offers maximum compatibility for the +12V demand.
- **100% Japanese-made Capacitors**
Longer lifespan than electrolytic capacitors.
- **Reliable Japanese-made Solid-state Capacitors**
Enhance your system durability and stability even under extreme conditions.
- **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.
- **Patented Easy Swap Connector**
Quick and easy installation.
- **Long Cable Length**
Long cables support the cable management behind motherboard.
- **ErP 2013**
Its standby and off mode wouldn't exceed 0.5W consumption to save energy and maintain sustainable environment.



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Product Name	APT- 700	APT- 600	AGD- 750	AGD- 650	AGD- 750F	AGD- 600F	AGD- 500F
Model Number	HPA-700PT-F14C	HPA-600PT-F14C	HPA-750GD-F14C	HPA-650GD-F14C	HPA-750GD-F14C	HPB-600GD-F14C	HPB-500GD-F14C
Input	Voltage	100-240V	100-240V	100-240V	100-240V	100-240V	100-240V
	Current	10A	8A	10A	10A	10A	8A
	Total Watts	700W	600W	750W	650W	750W	500W
Output	+5V	22A	20A	24A	20A	24A	20A
	+3.3V	22A	22A	24A	20A	24A	20A
	+12V	58A	49A	62A	54A	62A	41A
	-12V	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A
	+5Vsb	3.0A	3.0A	3.0A	3.0A	3.0A	3.0A
	+5V+3.3V	120W	110W	130W	120W	130W	130W
	+12V Combined	696W	588W	744W	648W	744W	492W
Connectors	20+4pin	1	1	1	1	1	1
	CPU 4Pin	0	0	0	0	0	0
	CPU 4+4Pin	1	1	1	1	2	1
	CPU 8Pin	1	1	1	1	0	0
	PCI-E 6+2pin	4	4	4	4	4	2
	PCI-E 6pin	0	0	0	0	0	0
	SATA	10	10	10	10	10	6
	HDD	4	4	4	4	4	2
	FDD	1	1	1	1	1	1
Dimension (w / D / H)	150x160x86mm	150x160x86mm	150x160x86mm	150x160x86mm	150x160x86mm	150x160x86mm	150x160x86mm
Fan Bearing	2-Ball	2-Ball	2- Ball	2- Ball	2- Ball	2- Ball	2- Ball
Fan Size(cm)	13.5cm	13.5cm	13.5cm	13.5cm	13.5cm	13.5cm	13.5cm
Modular Cable	V	V	V	V	Fully	Fully	Fully
Off-Delay Fan	V	V	V	V	V	V	V
LED Power Meter	V	V	V	V	-	-	-
D-VRM	V	V	V	V	-	-	-
Japanese Capacitors	All	All	All	All	All	All	All
Solid-state Capacitors	V	V	V	V	V	V	V
Double-sided PCB	V	V	V	V	V	-	-
Flat Cable	V	V	V	V	V	V	V
+12V Rail	1 Rail	1 Rail	1 Rail	1 Rail	1 Rail	1 Rail	1 Rail
Protection	UVP/OVP/OPP/ SCP/OC/OTP	UVP/OVP/OPP/ SCP/OC/OTP	UVP/OVP/OPP/ SCP/OC/OTP	UVP/OVP/OPP/ SCP/OC/OTP	UVP/OVP/OPP/ SCP/OC/OTP	UVP/OVP/OPP/ SCP/OC/OTP	UVP/OVP/OPP/ SCP/OC/OTP
Safety	FCC,CE,cTUVus,TUV, CB,CCC	FCC,CE,cTUVus,TUV, ,CB,CCC	FCC,CE,cTUVus,TUV, CB,CCC	FCC,CE,cTUVus,TUV, CB,CCC	FCC,CE,cTUVus,TUV, CB,CCC	FCC,CE,cTUVus,TUV, CB,CCC	FCC,CE,cTUVus,TUV, CB,CCC
80 PLUS	Platinum	Platinum	Gold	Gold	Gold	Gold	Gold

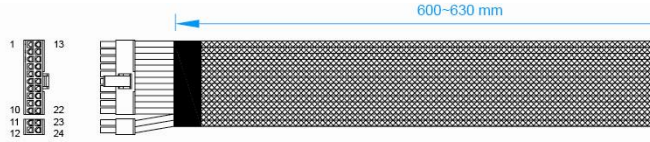


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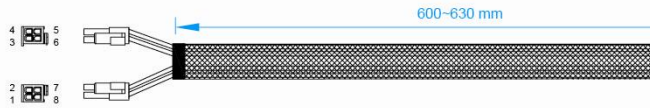
Product No.: AGD-750

Cable management

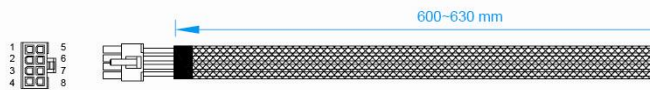
20+4 Pin



CPU 4+4 Pin



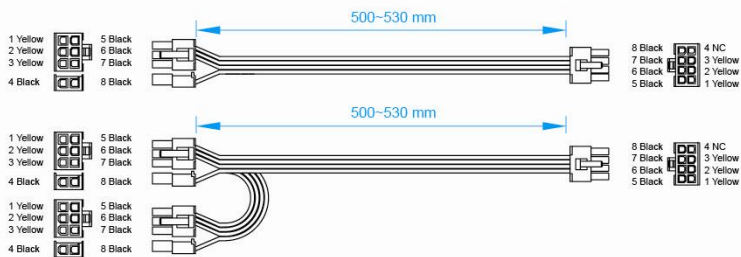
CPU 8 Pin



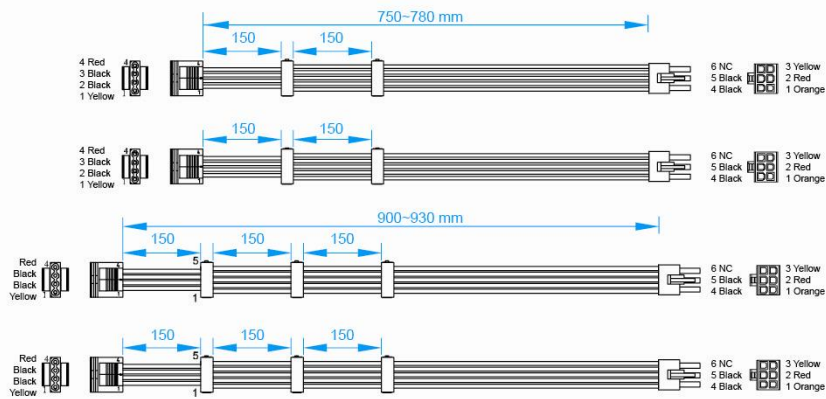
PCI-E 6+2 Pin



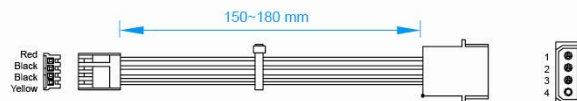
PCI-E 6+2 Pin



HDD
S-ATA



FDD



Modular Cables

20+4pin	CPU 4+4Pin	CPU 8Pin	PCI-E 6+2Pin	S-ATA	HDD	FDD
1	1	1	4	10	4	1