



**FULL MODULAR**



**AURUM PT Series**  
Beyond the Limitation

**Sales Kit**



# The Origin of AURUM Series

AURUM's sleek design and unique rugged Granite-Touch finishing makes it a truly regal Power Supply like no others.



Tripod 中國鼎

Power, Royalty, Premium

AURUM PT Series  
850/1000/1200W



High-End

Mainstream

- ◆ DIY market
- ◆ Active users
- ◆ Gamers

Entry Level

- ◆ SI market
- ◆ Office PC

## Product Position





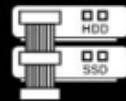


- ◆ Hard-core Gamers
- ◆ Hardware Enthusiasts
- ◆ Extreme Overclockers

### AURUM PT Series

- **Segment** - High-End
- **Target** - Hardware Enthusiasts / Gamers / Overclocks
- **Position** - High efficiency, High performance

## Product Features Recap

- Complies with ATX12V V2.31 & EPS12V V2.92
- High efficiency > 92%
- Active PFC > 99%
- High Wattages with 80PLUS Platinum Certification
- +12V Single-Rail Design
- Full Modular with Soft Cables
- Full Japanese Capacitors
- Multiple 6+2 pin PCI-Express connectors
- Quiet and Long-lasting 135mm FDB fan
- Complete protections: OCP, OVP, OPP, SCP, UVP, OTP
- Global Safety Approved

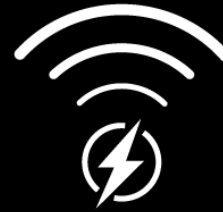
Single-Rail	Active PFC	High-Grade	HDB*135mm	SATA Array	Platform	Full Safety
						

# Product Advantage



## 80PLUS® PLATINUM

Efficiency  $\geq$  92%



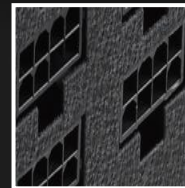
## E-Sync Remote-Sensing

Synchronize 3.3V/5V/12V  
with Stable Signal



## Arrow Flow™ Technology

Better Cooling



## Modularity



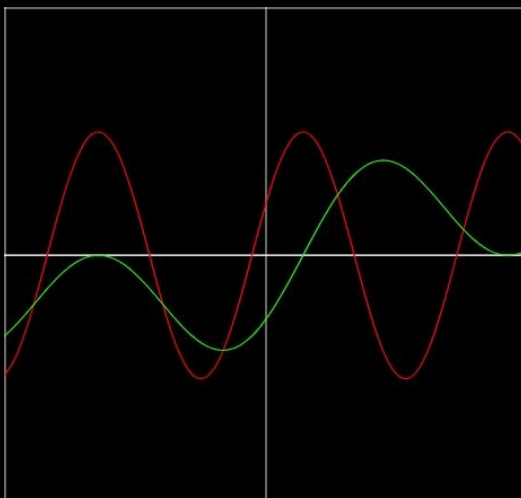
AURUM PT Series  
Beyond the Limitation



## E-Sync Remote-Sensing

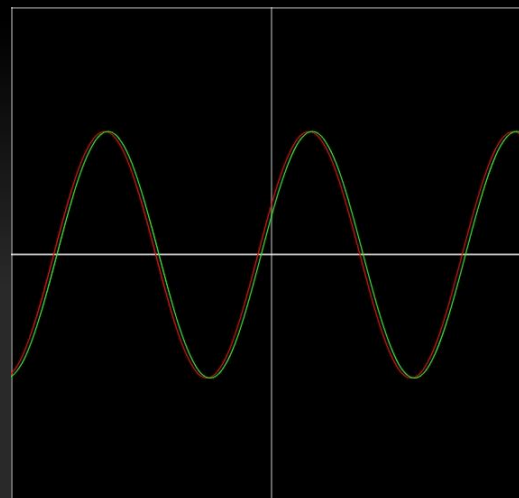
- Synchronize 3.3V/5V/12V with Stable Signal

### Other PSUs



Without E-Sync :  
3.3V/5V/12V  
With Poor Ripple/Noise  
Performance

### AURUM 92+ HW



With E-Sync :  
3.3V/5V/12V Sync with PSU  
Provide Better Ripple/Noise  
Performance



## Uniquely designed ventilation holes

→ Improves Air Extraction

→ Keep Best Cooling

$$\text{Pressure} = \frac{\text{Force}}{\text{Surface Area}}$$

Conventional, ex:  
Honeycomb



Arrow Flow Design







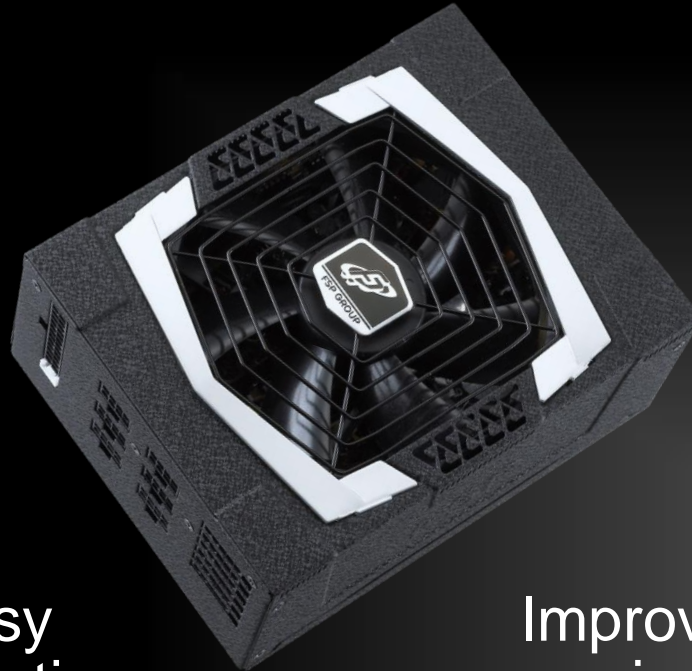
# Modularity

Neat and good-looking build

Distribute cables flexible

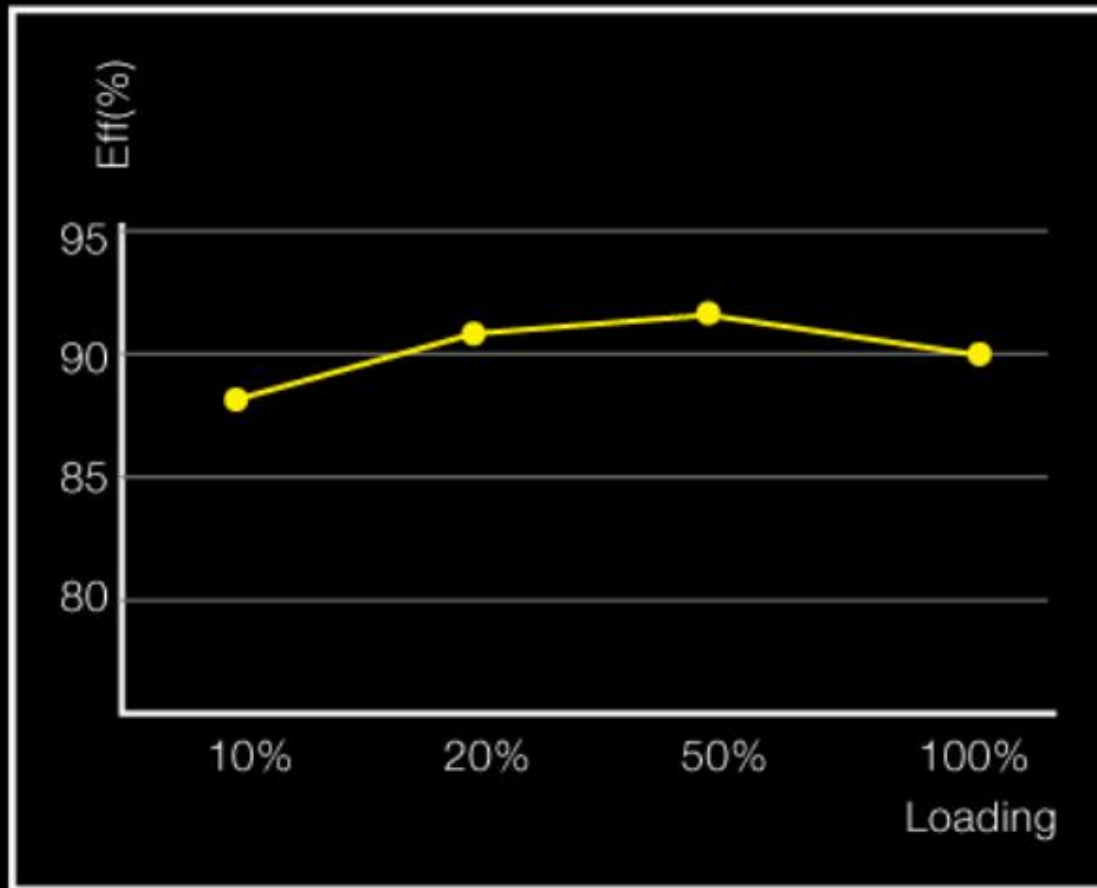
Easy Installation

Improve airflow in case



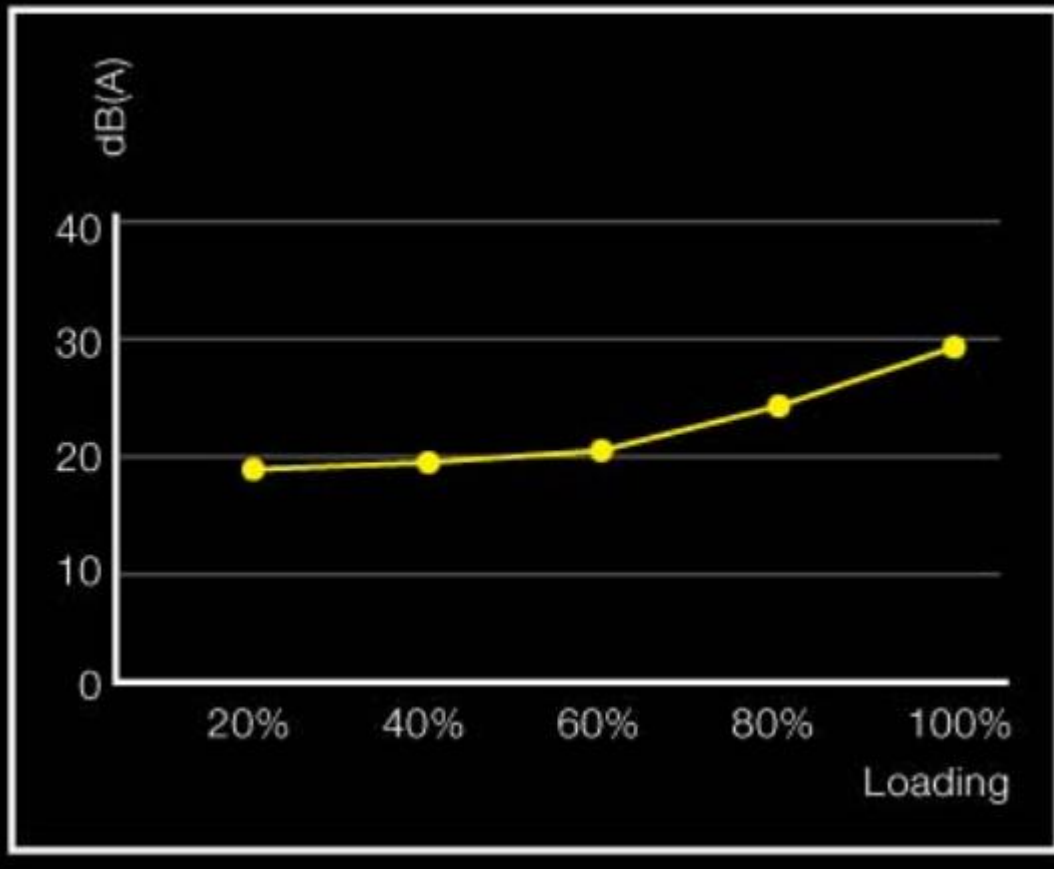
# Efficiency Diagram

- 80 PLUS Platinum efficiency, 92% at 50% Loading.
- High Efficiency, lower energy usage, less heat and lower operating cost.



# Noise Diagram

- >19dBA at 50% Loading, keep silent on high operating environment.



# Cable



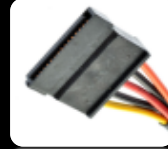
24PIN



4+4 PIN



6+2 PIN



SATA



MOLEX

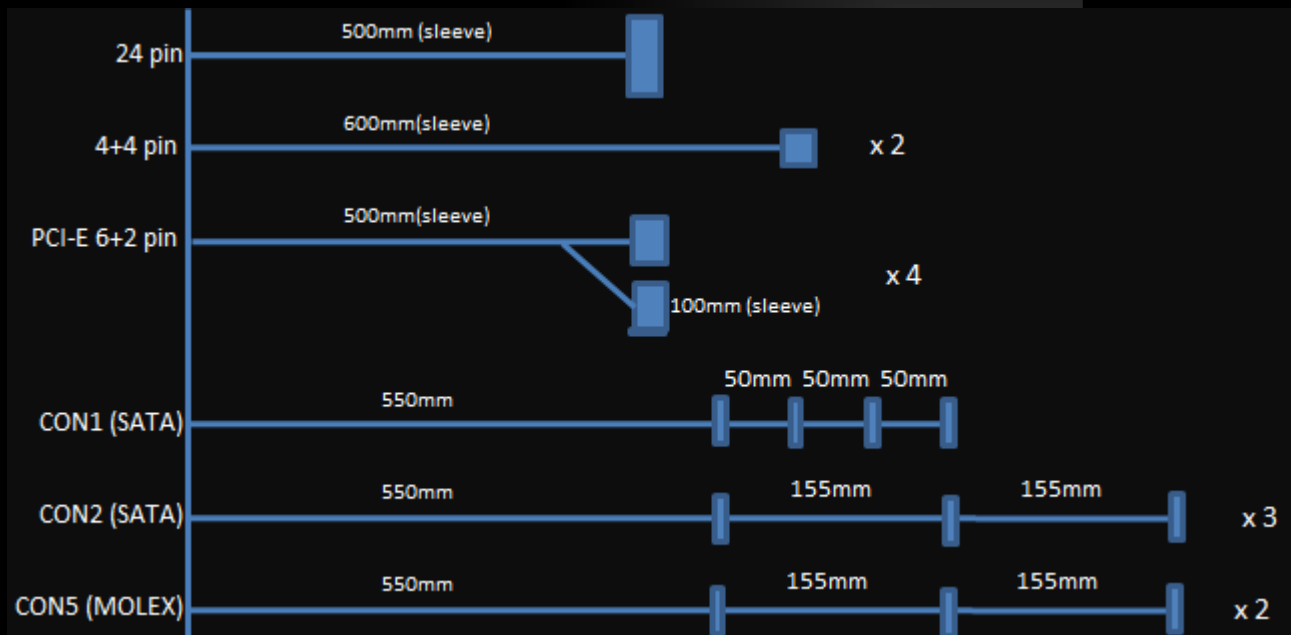


FLOPPY



Fan Connector

850W	1	2	8	13	6	1	1
1000W	1	2	8	13	6	1	1
1200W	1	2	8	13	6	1	1



# Spec.

AC Input	100-240Vac ~ 13-7A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max. Output Current	25A	25A	70A	0.8A	3.0A
Max. Combined Power	160W		840W	24.6W	
Total Power	850W				

AC Input	100-240Vac ~ 14-8A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max. Output Current	25A	25A	83A	0.8A	3.0A
Max. Combined Power	160W		996W	24.6W	
Total Power	1000W				

AC Input	110-240Vac ~ 15-9A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max. Output Current	25A	25A	100A	0.8A	3.0A
Max. Combined Power	160W		1200W	24.6W	
Total Power	1200W				

# Aurum PT Camera ! Recommended Combination.



Aurum PT 1000W  
For Gaming Players

AURUM PT 1200W  
For Mining \$ \$

Component	Model	Qty
CPU	Intel i7-4770	1
Mainboard	ASUS Z87-Expert	1
Memory	Kingston DDR3-1600 8GB	2
VGA Card	NVIDIA GTX 770	1
SSD	OCZ Vertex 4 256GB	1
HDD	WD Black 2TB	1
Case	Mid-Tower Case	1

Component	Model	Qty
CPU	Intel i7-4770	1
Mainboard	ASUS Z87-DELUXE	1
Memory	Kingston DDR3-1600 8GB	4
VGA Card	AMD R9-290X	4
SSD	Intel 530 240GB	1
HDD	WD Black 2TB	2
Case	Full-Tower Case or OPEN	1

Aurum PT 1200W | | For Overclocker

Component	Model	Qty	Component	Model	Qty
CPU	Intel i7-4770	1	VGA Card	NVIDIA GTX 770	1
Mainboard	ASUS Z87-Expert	1	SSD	OCZ Vertex 4 256GB	1
Memory	Kingston DDR3-1600 8GB	2	HDD	WD Black 2TB	1
			Case	Mid-Tower Case	1

# Summary of Aurum PT



92% High efficiency & wattage to support high loading environment .

E-Sync & full JP capacitor to delivery clean and reliable power

8 X 6+2 PIN PCI-E to support 4 high -end VGA Cards

Modularity, easy installation

135mm FDB fan, Low noise at high loading operation.

Thank You!