



POWER
NEVER ENDS

FSP - Power Never Ends

fsp-europe.com

<http://fsp-europe.com/aurum-cm-550w650w750w/>

Aurum CM (550/650/750W)

Aurum CM Front

Aurum CM 3D View

Aurum CM 550W Colorbox

Aurum CM 650W Colorbox

Aurum CM 750W Colorbox



All

All

All

All

AURUM Series – a brand new line-up of FSP power supply family that meets 80PLUS Gold Standard with 90% efficiency. AURUM Series is a perfect combination of premium quality and efficiency, making it the most ideal choice for those who seek for state of the art technology and environmental friendliness at the same time. AURUM's Sleek design and unique rugged Granite-Touch™ finishing makes it a truly regal Power Supply like no others.

With MIA IC™ Technology AURUM Series provides the best performance and highest protection to your system. Thanks to MIA™ Technology, power supplies are now compact in size, equipped with high efficiency and maximum protection. In addition, the new Arrow-shaped ventilation provides remarkable air ventilation and superb cooling performance.

Features:

- Complies with ATX12V v2.3 & EPS12V v2.92
- High efficiency > 90%
- 80 PLUS GOLD Certified
- 4 +12V output circuits
- 6 + 2pin PCI-Express graphic card connector ready
- Industrial Grade Component: Japanese Capacitor
- Quiet and long-lasting 120mm FDB
- Complete Protections: OCP, OVP, SCP, OPP, OTP, UVP
- Safety Approval: CE, FCC, CB, UL, TUV, BSMI, CCC



MIA IC™ (Multiple Intelligence Ability) Chip Set FSP's own patented designs to provide Ultimate Performance & Highest Protection to your system!

- Constant Hold up control performs continuous adjustments according to the output load in order to achieve the best possible efficiency.
- PFC Double-circuited Over Voltage Protection (OVP) ensures maximum protection to Capacitor.
- Zero-Current Switch on PFC ensures minimal energy wasted on switching, Low EMI and low ripple noise contribute to High Efficiency.



Unique Airflow Technology Uniquely designed ventilation holes that allow natural aero dynamics to improve air extraction, keeping your PSU cooler than ever!



Quiet and durable Cooling Powered by FDB (Fluid Dynamic Bearing) fan with low noise and long-lasting life span



Hybrid Synergy 12V Rail Design Hybrid Synergy Design on 12v rails with max loads pledges compatibility to graphics cards and systems



Active PFC Power Factor $\geq 99\%$



Meet ErP/EuP 2013 Standard














Full Safety Approved Complete protections with: OCP / CE / FCC / CB / UL / TUV / GOST / CCC



Intel® Haswell™ Platform Ready

Connector Table:

Connector Type	Connector Illustration	CM 550	CM 650	CM 750
ATX12V 24 Pin		-	-	-
ATX12V 20+4 Pin		1	1	1
CPU 8 Pin		-	-	1
CPU 4+4 Pin		1	1	1
CPU 4 Pin		-	-	-
PCI-E 2.0 6+2 (8) Pin		4	4	4
PCI-E 2.0 6 Pin		-	-	-
S-ATA		7	8	8
Molex 4 Pin		4	5	5
Floppy 4 Pin		1	1	1
Fan 2 Pin		-	-	-

Specifications:

Model	AU-550M	AU-650M	AU-750M
Efficiency	90% typical		
Input Voltage	90 ~ 264Vac		
Frequency	47 ~ 63Hz		
PFC	Active PFC (0.99)		
Power Provided	550W	650W	750W
Over-Current Protection			✓
Over-Voltage Protection			✓
Short-Circuit Protection			✓
Case Color	Black		
Chassis Fan	120mm		
Noise	< 21 dBA		
Form Factor	ATX 12V V2.3 & EPS 12V V2.92		

Safety Approval	UL, FCC, CE, TUV, GOST, BSMI, CCC
Dimensions (LxWxH) mm	160 x 150 x 86

Power Output Table:

550W	AU-550M							
AC Input	100Vac ~ 8A 60Hz / 240Vac ~ 4A 50Hz							
DC Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5Vsb
Max Output Current	24A	24A	18A	18A	18A	18A	0.5A	3.5A
Max Combined Power	140W		504W				23.5W	
Total Power	550W							

650W	AU-650M							
AC Input	100Vac ~ 10A 60Hz / 240Vac ~ 5A 50Hz							
DC Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5Vsb
Max Output Current	26A	26A	18A	18A	18A	18A	0.5A	3.5A
Max Combined Power	150W		600W				23.5W	
Total Power	650W							

750W	AU-750M							
AC Input	100Vac ~ 10A 60Hz / 240Vac ~ 5A 50Hz							
DC Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5Vsb
Max Output Current	30A	30A	18A	18A	18A	18A	0.5A	3.5A
Max Combined Power	160W		720W				23.5W	
Total Power	750W							

