AURUM SERIES - AURUM CM GOLD 550

Features

AURUM CM GOLD 550

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™ Patented Technology, AURUM Series provides the best performance and highest protection to your system. Thanks to MIA IC™ 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.

AURUM Series, Premium Power, Gold Standard

MIA IC™
(Multiple Intelligence Ability)

FSP invested 3 dedicated years in development of FSP's own MIA IC™ technology. This is the very first IC unit that provides ultimate performance & highest protection for your system. This new innovation makes power supplies compact in size, high in efficiency and maximum protections. (OVP,UVP,OCP,SCP,OPP)

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

Low Profile Flat Cabling system
optimize airflow and neatness in your computer's chassis

Hybrid Synergy 12V Rail Design
Hybrid Synergy Design on 12v rails with max loads pledges graphics card compatibility.

Active PFC with 0.99 Power Factor
Eco Friendly design & lowers electricity bills

FDB Fan
Quiet, and Long-Lasting 120mm FDB Fan

Industrial Grade Capacitor
105°C Japanese-made top quality capacitor for prolonged life span

Full Protection
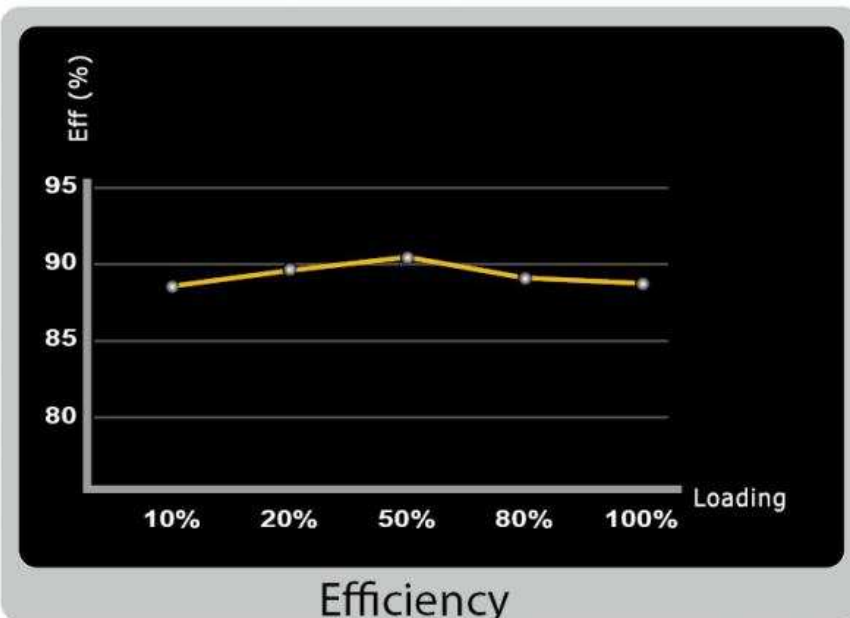Providing Max protection (OVP, UVP, OCP, SCP, OPP)
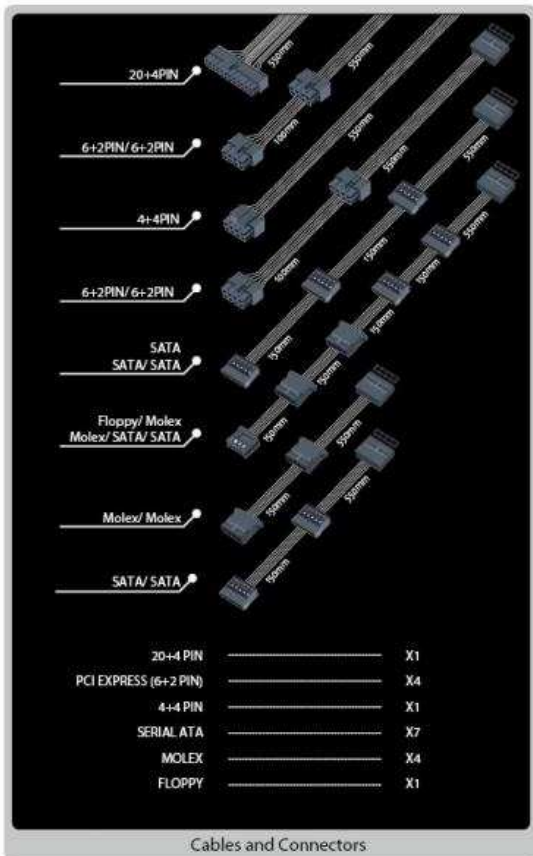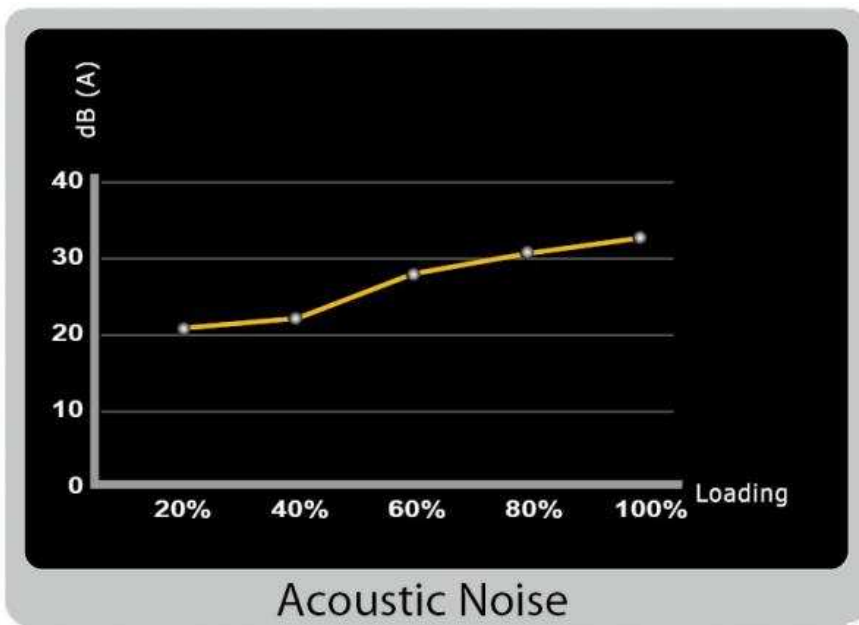
S. B. Ready
supports Intel latest platform

Granite-touch with compact size
Revolutionary design with rock-solid appearance Black coating with Gold crown makes it truly Royal.

AURUM CM SERIES
AU-550M

AC Input	100-240Vac~ 8-4A 50-60Hz							
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							

Efficiency

Acoustic Noise

20+4 PIN	X1
PCI EXPRESS (6+2 PIN)	X4
4+4 PIN	X1
SERIAL ATA	X7
MOLEX	X4
FLOPPY	X1

Cables and Connectors

Complies with ATX12V v2.3 & EPS12V v2.92

High efficiency > 90%

Meets 80 PLUS GOLD certification

4 +12V output circuits

6 + 2pin PCI-Express graphic card connector ready

Industrial Grade Component: Japanese Capacitor

Quiet and long-lasting 120mm FDB Fan

Complete Protections: OCP, OVP, SCP, OPP, UVP

Safety Approval: CE, FCC, CB, UL, TUV, BSMI, CCC

Specifications

Model	AU-550M
Efficiency	90% typical
Input Voltage	90 ~ 264Vac
Frequency	47 ~ 63Hz
PFC	Active PFC (0.99)
Power Provided	550W
Over-Current Protection	V
Over-Voltage Protection	V
Short-Circuit Protection	V
Line Type/ Main connector	20+4 Pins
Line Type/ 4 pins + 12V Power Connector	4 Pins, 4+4 Pins
Line Type/ 4 pins Floppy Connector	1
Line Type/ S-ATA Connector	7
Line Type/ 4 pins Molex Connector	4
Line Type/ PCI-Express Connector	6 + 2 Pins x 4
Case Color	Black
Chassis Fan	120mm
Noise	<21 dBA
Form Factor	ATX 12V V2.3 & EPS 12V V2.92
Safety Approval	cUL, FCC, CE, TUV, GOST,BSMI,CCC
Dimensions(Lx W x H)mm	150 x 160 x 86