

Overview:

The new AERO PSU series aims to win over DIY PC builders, and improve our brand image in the PSU market. We have implemented best in class protections and maximized performance while keeping prices highly competitive. The AERO BRONZE is positioned to elevate AeroCool's PSU line to new standards of excellence.

Specifications

AERO BRONZE 550W

Rating Spec

AC Input	200-240Vac 4.5A 47-63Hz				
DC Output Voltage	+3.3V	+5V	+12V	-12V	+5Vsb
Max. Output Current	20A	20A	45A	0.3A	2.5A
Max. Combined Power	110W		540W	3.6W	12.5W
	550W				



Cable Configurations

20+4 PIN Exposed (600mm) x 1, 12V 4+4PIN Exposed (650mm) x 1

SATA Exposed (500mm)+SATA(150mm) x 1

SATA Exposed (500mm)+SATA(150mm)+SATA(150mm) x 1

PATA Exposed (500mm)+PATA(150mm) x 2

PCIe 6+2P Exposed (550mm)+ PCIe 6+2P (150mm) x 1

Total : (20+4P x 1, 4+4P x 1 , PCIe 6+2P x 1, PATA x 4, SATA x 5)

Warranty

2 Year Limited Warranty only for PC (Warranty will void if installed with mining system).

Features

1. Up to 90% efficiency with 80Plus 230V EU Bronze certified
2. Compatible with all Intel form factors up to ATX12V Ver.2.52
3. Built-in APFC providing higher voltage stabilization and lower power consumption (Active Power Factor Correction rate > 0.9)
4. Delivers real output wattage at ambient temperatures of 40°
5. Unique AERO PSU style mesh design with matte black finishing adds a premium look and feel to your rig
6. Built-in premium 105°C Japanese main capacitors provide low ripple and higher durability
7. High-end solid state capacitors provide great DC output quality for improved noise filtering and low ripple
8. DC-to-DC conversion circuit for higher efficiency and tight voltage regulation even under heavy cross-loading conditions
9. 12cm high-pressure fan with optimized fan speed allows for near inaudible fan noise and silent PSU operation
10. Smart thermal fan control keeps the fan running at startup speed before reaching 60% load at 40°C ambient temperatures
11. Soft, black flat cables allow for efficient cable management and improved airflow
12. Longer and more durable cables accommodate larger cases and provide long-lasting reliability
13. AWG#18 copper wiring with 34 cores and phosphor-bronze connector pins provides high DC current endurance, allowing for longer PSU and PC lifespan
14. Best in class protections makes PSU highly resistant to damage: OVP, UVP OPP, SCP, OCP, Input Surge & Inrush Protection, and OTP
15. Compliant with ErP 2013 Lot 6 for high energy efficiency
16. ROHS (Restriction of Hazardous Substances) certified
17. Fully EMC Compliant

Package Information

Model No.	Power Cord	EAN CODE
ACPB-AR55AEC.11	EU cord	4710562753967
ACPB-AR55AKC.11	UK cord	
ACPB-AR55AUC.11	US cord	
ACPB-AR55AAC.11	AUS cord	

Carton Size (L x W x H)	49.5 x 25 x 21.5cm
PCS Per Carton	5pcs
Retail Box Size (L x W x H)	23.5 x 19.5 x 9.5cm