



SHP Bronze

The Sharkoon SHP Bronze is a durable ATX power supply unit with “80 PLUS Bronze” certification. The power supply unit can be simply installed into common ATX cases and remains conveniently inconspicuous with its black cables and black housing. Ample cooling is ensured through the quiet operation of the 120 mm fan.

Features

ENERGY EFFICIENT RUNNING

This power supply unit is certified “80 PLUS Bronze” achieving at least 85 % energy efficiency at 50 % load, as well as at least 82 % efficiency at 20 % and 100 % loads.

LOW-PROFILE SIMPLICITY

The power supply unit can be installed and connected easily and quickly. Its metallic housing, the fan grille as well as the connectors and the cable sheathing have all been kept completely in black. This allows the power supply unit to be inconspicuously integrated into the PC casing.

RYZEN COMPATIBLE

Thanks to the various, permanently attached standard connections, the SHP Bronze can be connected to all current mainboard models. For maximum compatibility, a 4+4-pin connector is comprised in the two 8-pin CPU connectors.

RELIABLE ENERGY SUPPLY

The SHP Bronze has been made for longevity and reliability. The power supply unit provides a constant and stable voltage, while the noise and heat levels are kept to a minimum.

QUIET FAN

For full concentration in the office or for undisturbed enjoyment while gaming, the fan of the SHP Bronze is distinctly quiet. Also, while in operation, the PSU remains quietly in the background without any distraction.



Specifications

Housing Color	Black
Continuous Power	500 W, 600 W, 700 W
Form Factor	ATX 2.3
ErP Compliant	✓
Technology	AC/DC
Active PFC	✓
MTBF	Min. 100,000 Hours
Operating Temperature	0 °C - 40 °C
Standby Power Consumption	Max 0.3 W
Weight incl. Fixed Cables	1.6 kg
Dimensions (L x W x H)	140 x 150 x 86 mm

Input

Voltage	100 - 240 VAC
Frequency	47 - 63 Hz
Input Current (110/230 V)	500 W: 8 A / 4 A 600 W: 10 A / 5 A 700 W: 12 A / 6 A

Output

12 V Rail(s)	1
Load 3.3 V / Load 5 V	20 A
Max. Combined Power 3.3 V + 5 V	500 W: 110 W 600 W: 120 W 700 W: 130 W
Load 12 V	500 W: 37 A 600 W: 45 A 700 W: 53 A
Max. Combined Power 12 V	500 W: 444 W 600 W: 540 W 700 W: 636 W
Load 5 V _{SB}	2.5 A
Load -12 V	0.3 A



Cable and Connectors

Cable Configuration	Fixed
Flat Cables	✓
Maximum Cable Length	500 W: 100 cm 600 W: 88 cm 700 W: 88 cm
Length of Mainboard Cable	55 cm
Length of CPU Cable	60 cm + 15 cm
Length of PCIe Cable	55 cm + 15 cm
Cable Length to First Peripheral	55 cm
20+4-Pin Mainboard Connector	1
8-Pin CPU Connector	1
4+4-Pin CPU Connector	1
6+2-Pin PCIe Connector	500 W: 2 600 W: 2 700 W: 4
SATA Connector	6
IDE Connector	500 W: 2 600 W: 3 700 W: 3

Fan

Fan Size	120 mm
Bearing Type	Sleeve Bearing

Safety Standards

CE, FCC, CB

Protections

OVP (Over Voltage Protection)	✓
UVP (Under Voltage Protection)	✓
SCP (Short Circuit Protection)	✓
OPP (Over Power Protection)	✓

Package Contents

SHP Bronze, Power Cord, Mounting Screws, Manual

EAN Code

SHP Bronze 500 W	4044951028948
SHP Bronze 600 W	4044951028962
SHP Bronze 700 W	4044951031641

