Hyper M85+ (650W/550W)

fsp-europe.com/hyper-m85-650w-550w/

Hyper M85+ Series, FSP brand new 80 PLUS Bronze semi-modular ATX PSU, featured with DC to DC module and +12V single-rail design, taken with full Japanese e-capacitors and quiet 120mm silent fan,built in with complete protections: OCP, OVP, SCP, OPP, OTP and approved by global safety regulation. Hyper M 85+ Series comes out with two models – 550W and 650W.

FSP HYPER M85+ series of semi-modular ATX PSU feature excellent electrical performance, are 80 PLUS Bronze certified. HYPER M85+ units feature Japanese electrolytic capacitors with a full protection suite. The modular cable system assists with a clean installation and helps maximize airflow through your computer's case.

Feature:

- Complies with ATX12V V2.4 & EPS12V V2.92
- High Efficiency ≥ 85% @ Typical Load
- Active PFC ≧ 0.9
- Comply with 80PLUS® Bronze Certification
- +12V Single-Rail Design
- Full Japanese E-capacitors
- Semi Modular Design with Ribbon Cable
- Quiet 120mm Silent Fan
- Complete Protections: OCP, OVP, SCP, OPP, OTP
- Global Safety Approved

FSP_PSU_HYPER-M-85_650W

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FSP_PSU_HYPER-M-85_550W_TOP

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Excesses 80 Plus® Bronze Standard

HYPER M85+ 650W not only comes with 80 PLUS bronze certified but also excesses the standard through its high efficiency up to 88%, 80 PLUS Silver certified.

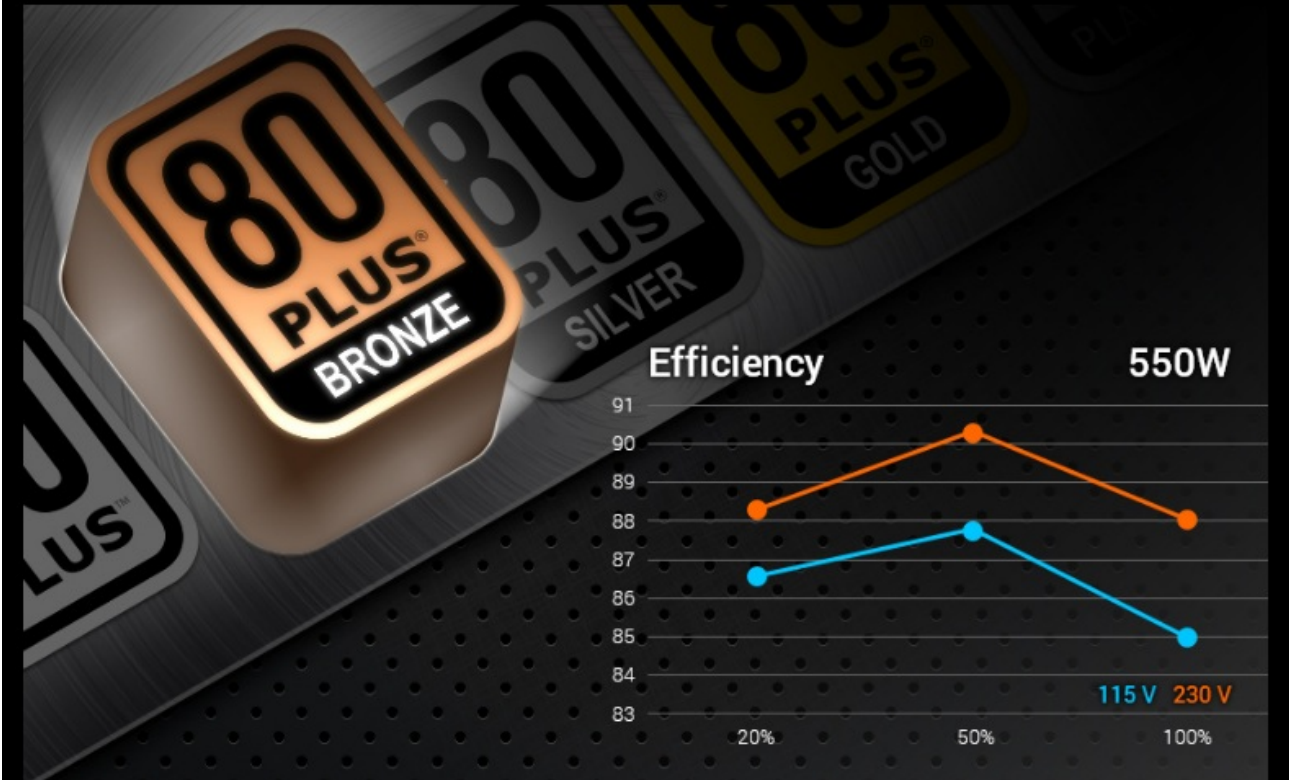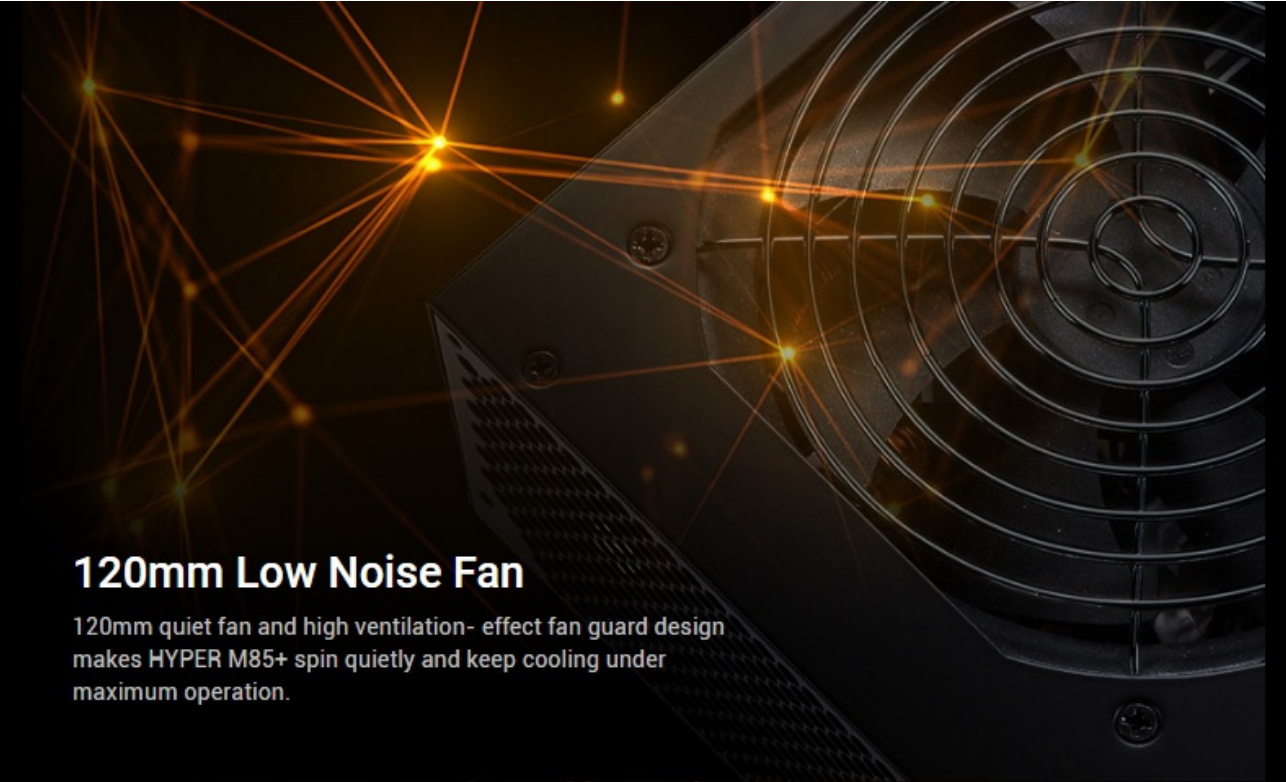80 PLUS® Certified Power Supplies and Manufacturers

FSP Technology Inc.	HA650M	ATX12V	650	80.59%	85.98%	88.28%	85.21%	Silver	6/27/2017

80 Plus® Platinum Certification

550W HYPER M85+ series comes with 80 PLUS bronze certified saves energy through its high efficiency up to 85%.

Fast Installation with Semi-modular Design

The semi-modular ATX PSU with flat black ribbon cables makes installation fast and straightforward, with good-looking results and enhances airflow patterns inside the case.

120mm Low Noise Fan

120mm quiet fan and high ventilation- effect fan guard design makes HYPER M85+ spin quietly and keep cooling under maximum operation.
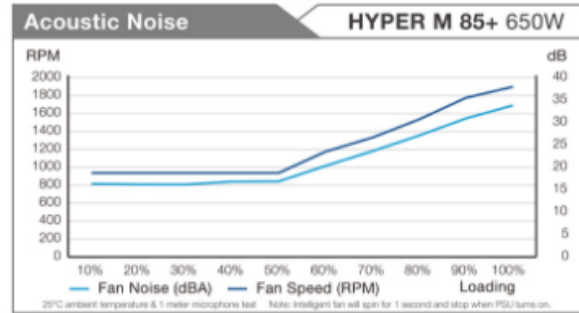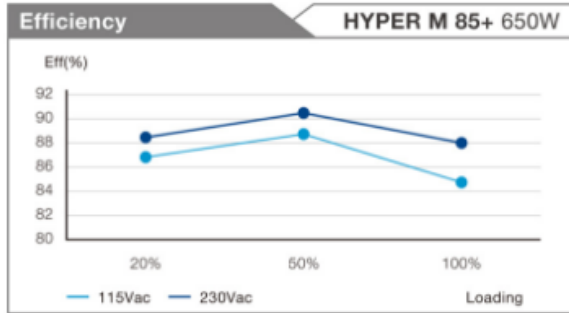

UVP
OCP
OVP
OTP
SCP
OPP

Full Japanese E-capacitor Inside

The high-quality Japanese E-capacitors can prolong product's life span by producing supreme stability and performance with low impedance characteristics.

Complete Protection

OCP, OVP, SCP, OPP, UVP, OTP, a full guardian of circuit protections to keep hardware safe.
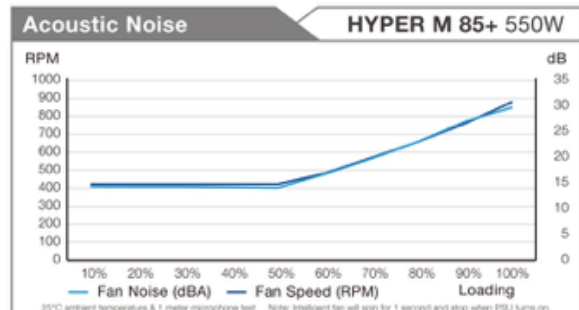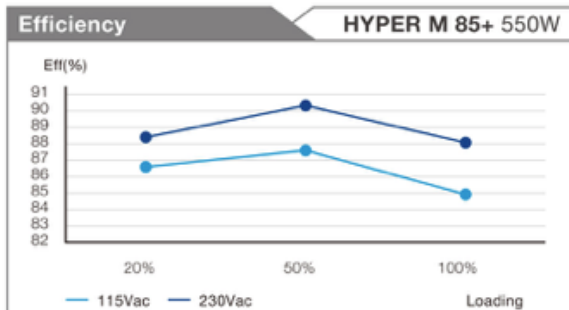
Performance

Efficiency — HYPER M 85+ 650W

Acoustic Noise — HYPER M 85+ 650W

AC/DC

AC Input	100-240Vac~ 10-5A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	20A	20A	54.17A	0.3A	2.5A
Max Combined Power	100W		650W	3.6W	12.5W
Total Power	650W				

Performance

Efficiency — HYPER M 85+ 550W

Acoustic Noise — HYPER M 85+ 550W

AC/DC

AC Input	100-240Vac~ 10-5A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	20A	20A	45.84A	0.3A	2.5A
Max Combined Power	100W		550W	3.6W	12.5W
Total Power	550W				

Cables

	ATX 20+4	4+4 PIN	PCI-E 6+2	SATA	Molex (PERIPHERAL)	Floppy
Connectors	1	1	4	8	3	1

Spezifikationen:

Modell	HA650M	HA550M
Form Factor	ATX PSU	
80 PLUS Certification	Bronze	
Input Voltage	100-240Vac	
Input Current	10-5A	
Input Frequency	50-60Hz	
PFC	Active PFC	
Efficiency	88%	
Fan Type	Sleeve Fan, 120mm	
Dimensions(L x W x H)	150 x 165 x 86 mm	
Operation Temp.	100,000Hrs	
Protection	OCP, OVP, SCP, OPP, OTP	