



HEXA 85⁺ Series

350W / 450W / 550W / 650W

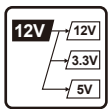


Introduction

HEXA 85+ Series, FSP brand new 80 PLUS® Bronze ATX PSU, featured with DC to DC module and +12V single-rail design, taken with full Japanese capacitors and quiet 120mm silent fan, built in with complete protections: OCP, OVP, SCP, OPP, OTP and approved by global safety regulation.

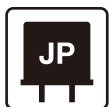
HEXA 85+ Series comes out with four models – 350W, 450W, 550W and 650W to satisfy various needs.

Features



DC to DC Module Design

Providing high efficient, stable power



100% Japan-made E-cap

Reliable power and prolonged life span

- Complies with ATX12 v2.4 & EPS12 v2.92
- High efficiency $\geq 85\%$
- Active PFC $\geq 90\%$
- Comply with 80 PLUS® Bronze certification
- +12V single-rail design
- Full Japanese capacitors
- Quiet 120mm silent fan
- Complete protections: OCP, OVP, SCP, OPP, OTP
- Global safety approved

Product Overview



DC – DC Module Design

+12V SR circuit, combining both +3.3V and +5V DC-DC modules, offers supreme efficiency, voltage stability and high system compatibility especially in cross regulation (unbalanced load) mode.

Low noise

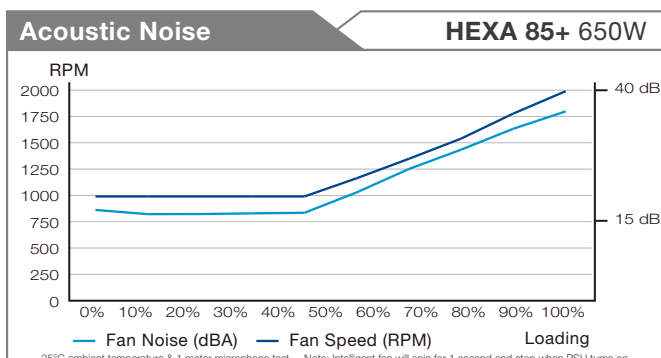
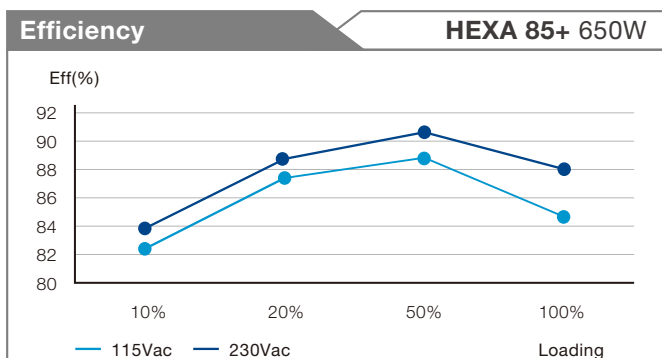
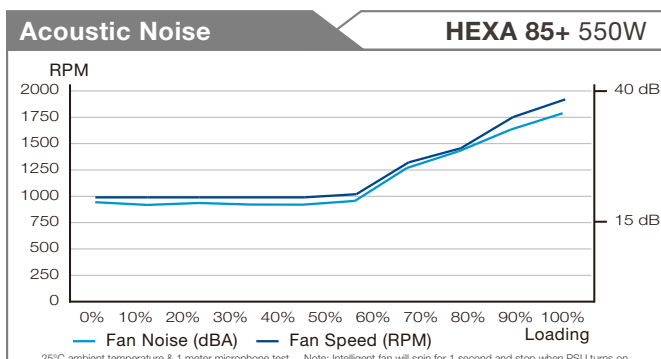
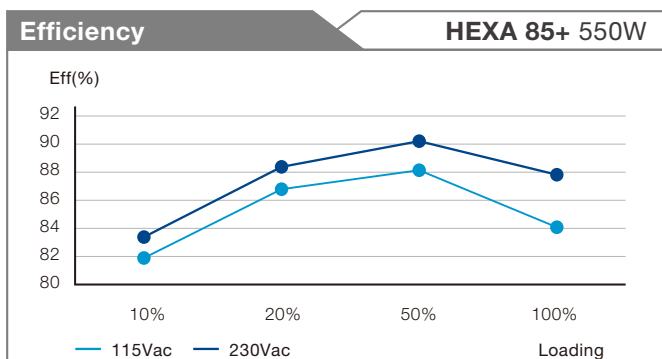
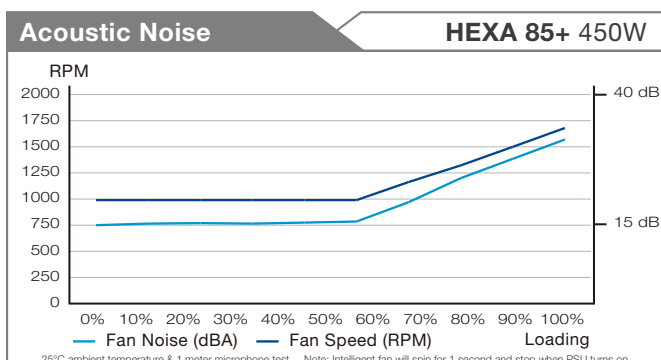
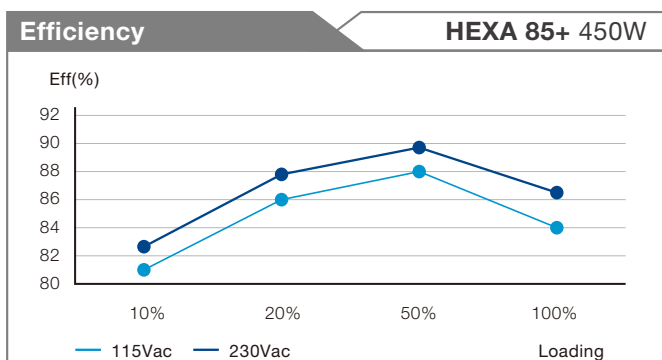
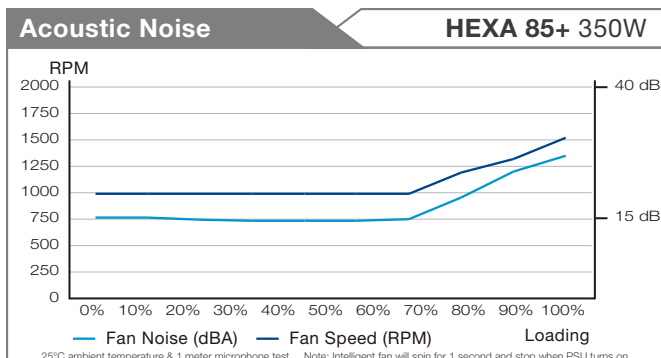
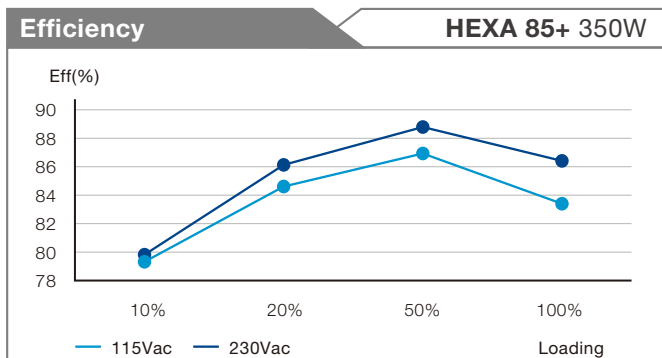
120mm quiet fan and high ventilation-effect fan guard design guarantees it spins quietly and keeps cooling under maximum operation.



High Efficiency-80 PLUS® Bronze Certified

Its efficiency, higher than 85% at regular loading, provides better power performance.

Performance



Rating



350W	AC Input	100-240Vac~ 6-3A 50-60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
	Max Output Current	20A	15A	29.17A	0.3A	2.5A
	Max Combined Power	100W		350W	3.6W	12.5W
	Total Power	350W				

450W	AC Input	100-240Vac~ 7-3.5A 50-60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
	Max Output Current	16A	16A	37.5A	0.3A	2.5A
	Max Combined Power	100W		450W	3.6W	12.5W
	Total Power	450W				



550W	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				

650W	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				

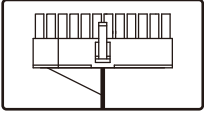
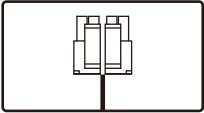
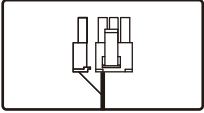
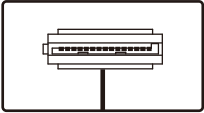
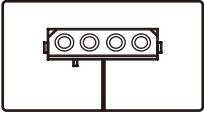
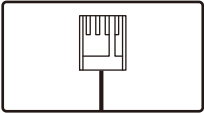
Specifications

		
Model	HA350	HA450
Type	ATX PSU	ATX PSU
PFC	Active PFC	Active PFC
Input Voltage	100-240 Vac	100-240 Vac
Input Current	6-3A	7-3.5A
Input Frequency	60-50 Hz	60-50 Hz
Output Capacity	350W	450W
Max. Output Power	350W	450W
Fan Type	Sleeve Fan, 120mm	Sleeve Fan, 120mm
Efficiency	85%	85%
MTBF	100,000 Hrs.	100,000 Hrs.
Protection	OCP, OVP, SCP, OPP, OTP	OCP, OVP, SCP, OPP, OTP
Weight	1.41 kg	1.58 kg
Dimension(L×W×H)	150 x 140 x 86 cm	150 x 140 x 86 cm

Specifications

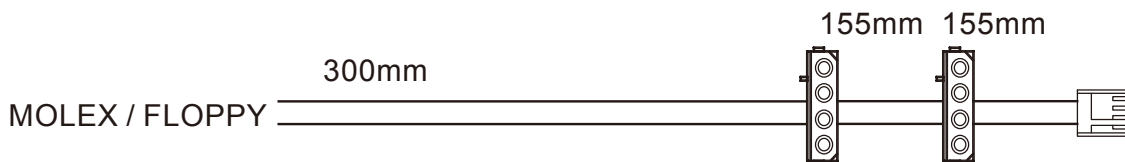
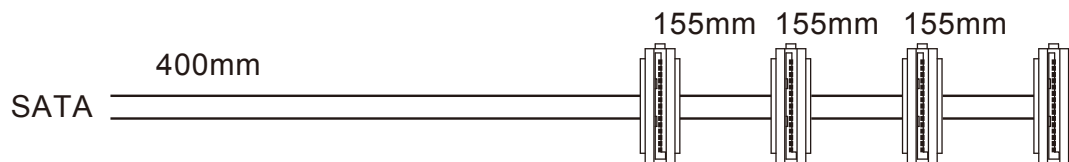
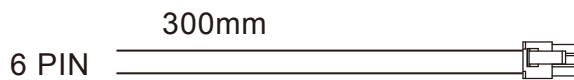
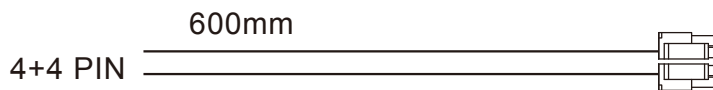
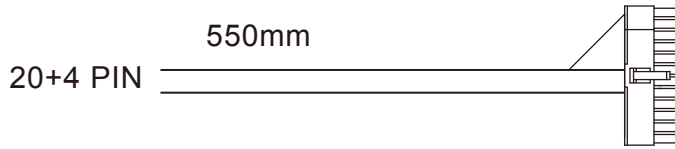
		
Model	HA550	HA650
Type	ATX PSU	ATX PSU
PFC	Active PFC	Active PFC
Input Voltage	100-240 Vac	100-240 Vac
Input Current	10-5A	10-5A
Input Frequency	60-50 Hz	60-50 Hz
Output Capacity	550W	650W
Max. Output Power	550W	650W
Fan Type	Sleeve Fan, 120mm	Sleeve Fan, 120mm
Efficiency	85%	85%
MTBF	100,000 Hrs.	100,000 Hrs.
Protection	OCP, OVP, SCP, OPP, OTP	OCP, OVP, SCP, OPP, OTP
Weight	1.86 kg	1.86 kg
Dimension(L×W×H)	150 x 140 x 86 cm	150 x 140 x 86 cm

Connectors

	350W	450W	550W	650W
 20+4 PIN	1	1	1	1
 4+4 PIN	1	1	1	1
 6+2 PIN	1 (6 pin)	2	4	4
 SATA	4	8	8	8
 MOLEX	2	2	2	2
 FLOPPY	1	1	1	1

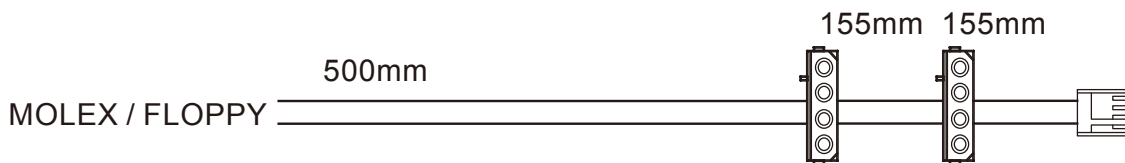
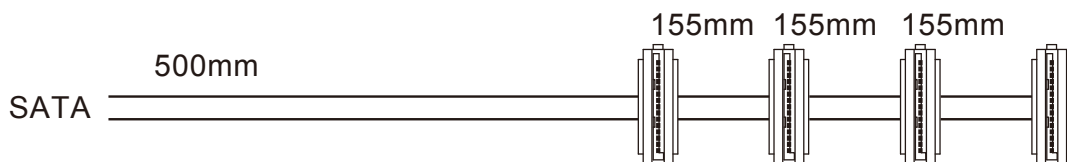
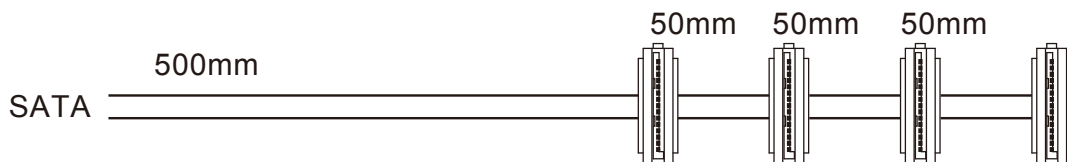
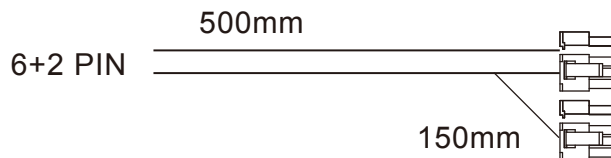
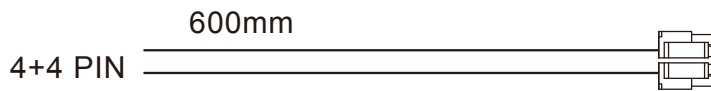
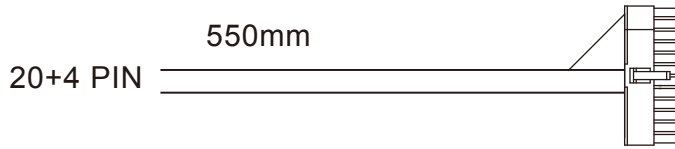
Cable Length

350W



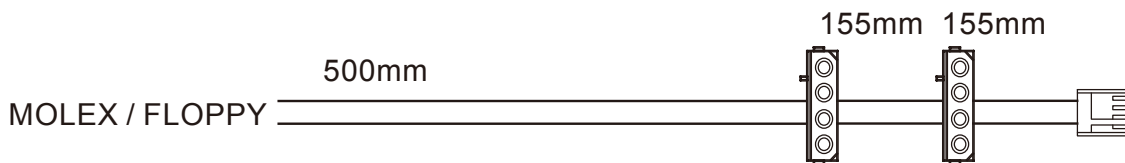
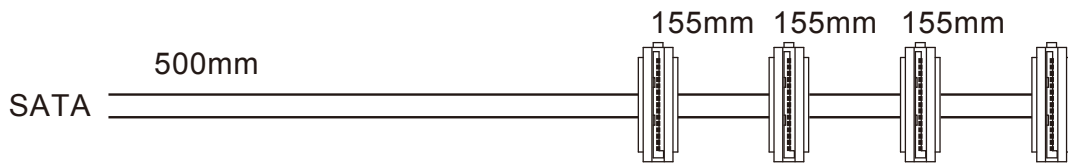
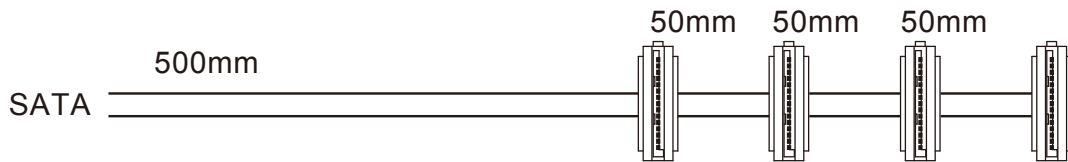
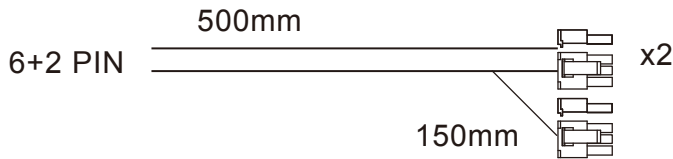
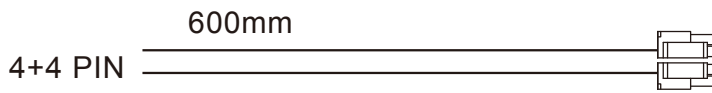
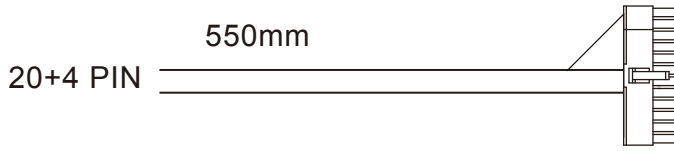
Cable Length

450W



Cable Length

550W / 650W





HEXA 85⁺ Series

350W / 450W / 550W / 650W

Package Information

Model	HA350	HA450	HA550	HA650
EAN Code	4713224520365	4713224520372	4713224520389	4713224520396
UPC Code	845685008909	845685008916	845685008923	845685008930
Shipping Dimensions (L×W×H)	236 x 184 x 106 mm			
Shipping Weights	1.79 kg	1.95 kg	2.44 kg	2.44 kg
Master Pack Dimension (L×W×H)	559 x 500 x 203 mm			
Master Pack Quantity				
Master Pack Weight	17.91 kg	19.63 kg	12.2 kg	12.2 kg
Pallet Quantity	200pcs		150pcs	
Country of Origin	China			
Warranty	5 Years			
Additional Information	650W http://www.fsplifestyle.com/PROP172002168 550W http://www.fsplifestyle.com/PROP172002167 450W http://www.fsplifestyle.com/PROP172002166 350W http://www.fsplifestyle.com/PROP172002165			