



Fully Customized Pc Power

15 Years Power Supply Manufacture Experience



300W-750W



FEATURES

POWER YOUR LIFE



- Super Silent 140mm×140mm cooling fan
- Dimension: 160(L)×150(W)×85(H)
- High efficiency: >80%* Low ripple and noise
- Automatically fan speed control
- Over voltage protection
- Over current Protection
- Over load protection
- Short circuit protection
- 100% burn-in under high ambient temperature(50 °C)
- MTBF: 100,000 hours at 25 °C
- Excellent stability and reliability



UNDER VOLTAGE
PROTECTION



OVER VOLTAGE
PROTECTION



OVER CURRENT
PROTECTION



OVER POWER
PROTECTION



OVER TEMPERATURE
PROTECTION



SHORT CIRCUIT
PROTECTION

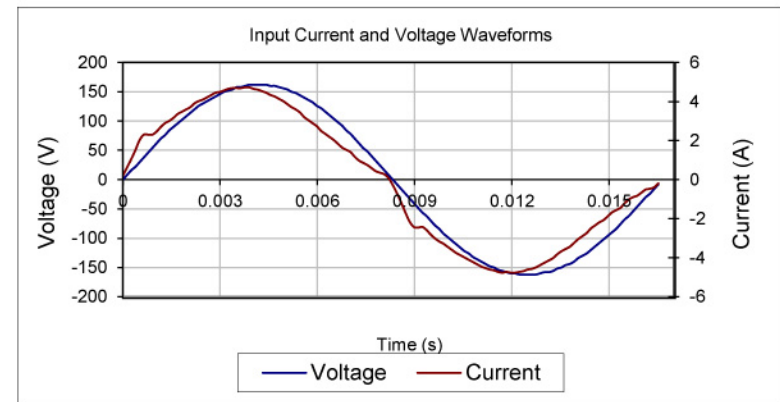
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.93%
AVERAGE EFFICIENCY :	85.06%
80 PLUS COMPLIANT:	YES

ID #	4707.8
Manufacturer	Kinpower International Ltd
Model Number	KP650B
Serial Number	NA
Year	2016
Type	ATX12V
Test Date	9/12/16

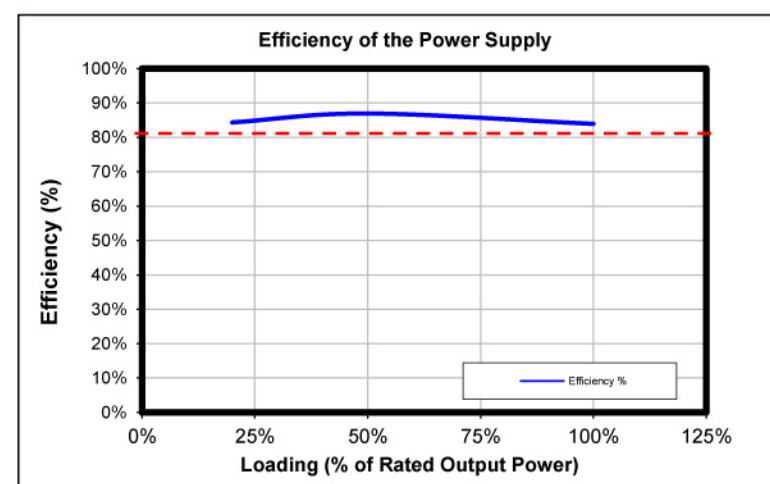
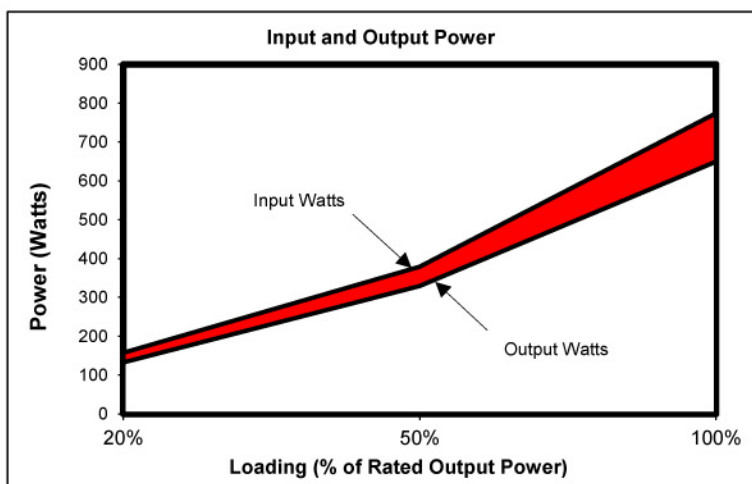
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



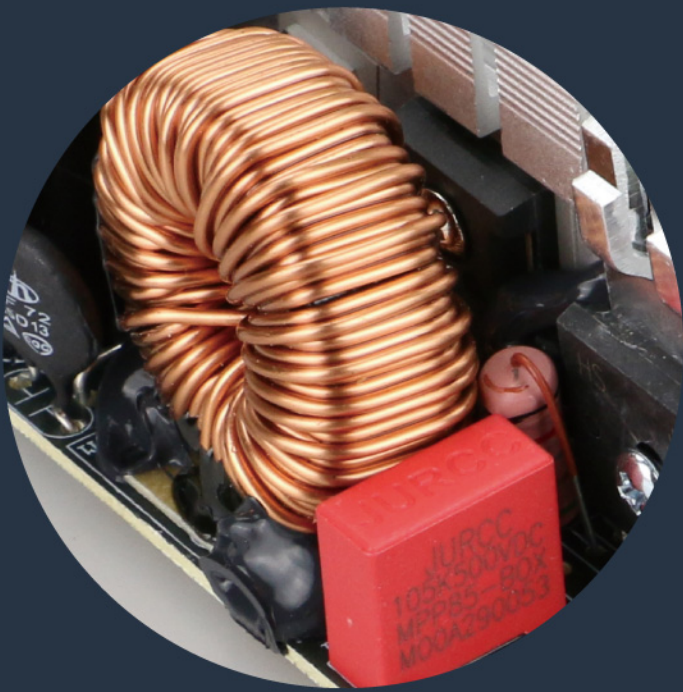
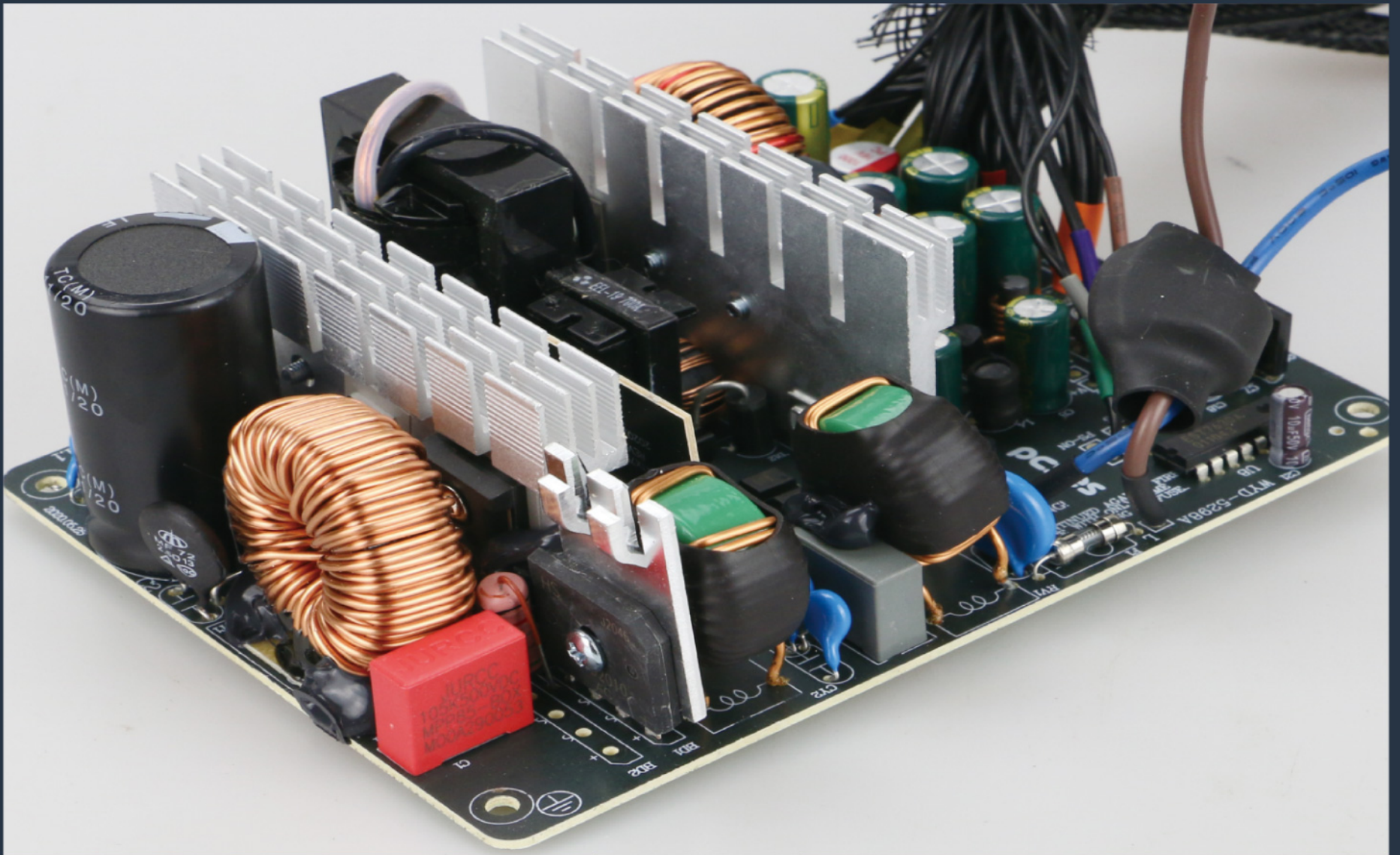
Input AC Current Waveform (ITHD = 7.46%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.94	0.77	25.67%	10%	83.79	12.29/4.33	11.95/0.05	3.3/1.36	5.03/1.36	5.02/0.25	66.34	79.17%
1.47	0.93	18.78%	20%	157.08	12.27/8.66	11.93/0.1	3.3/2.72	5.02/2.7	5/0.49	132.48	84.34%
3.35	0.98	7.46%	50%	379.00	12.22/21.62	11.93/0.25	3.3/6.81	4.98/6.76	4.97/1.23	329.48	86.93%
6.77	0.99	5.62%	100%	774.10	12.13/42.91	11.98/0.49	3.29/13.57	4.92/13.48	4.89/2.46	649.59	83.92%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications.
<http://www.80plus.org/>

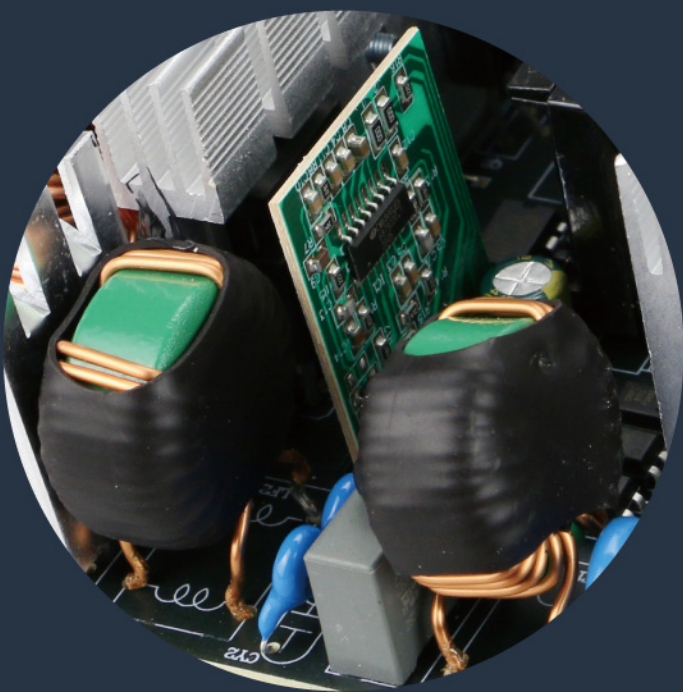




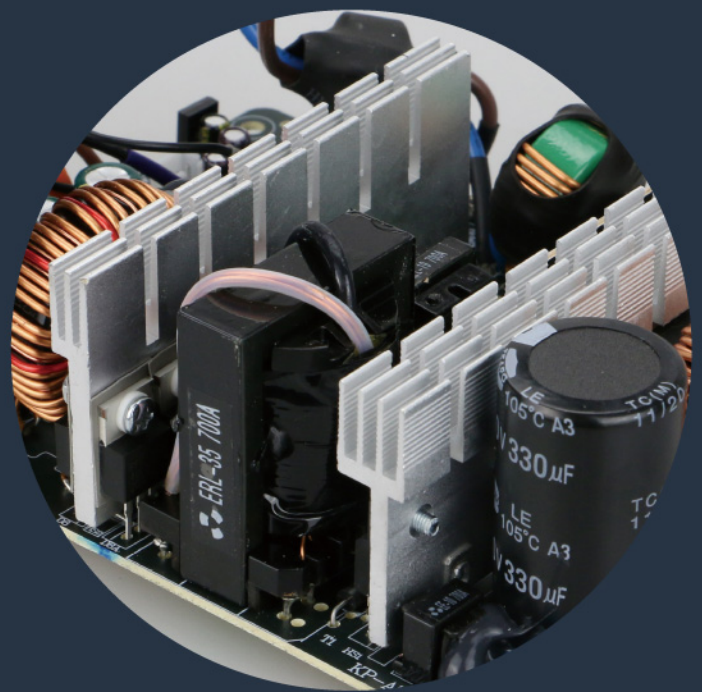
Super APFC Ring



Strong Filter Coil



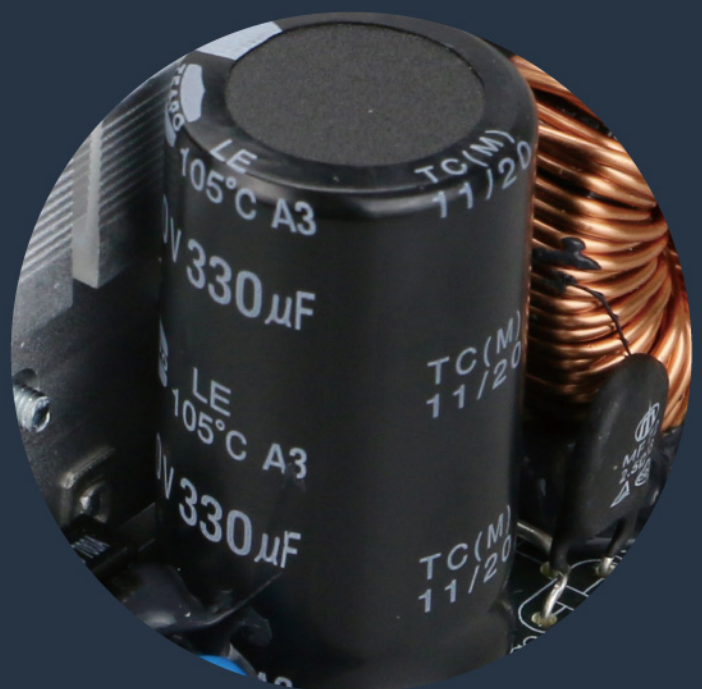
Double Layer EMI Filter



Stronger Cooling System



Excellent Anti Voltage interference



Taiwan A Grade 105°C Capacitors

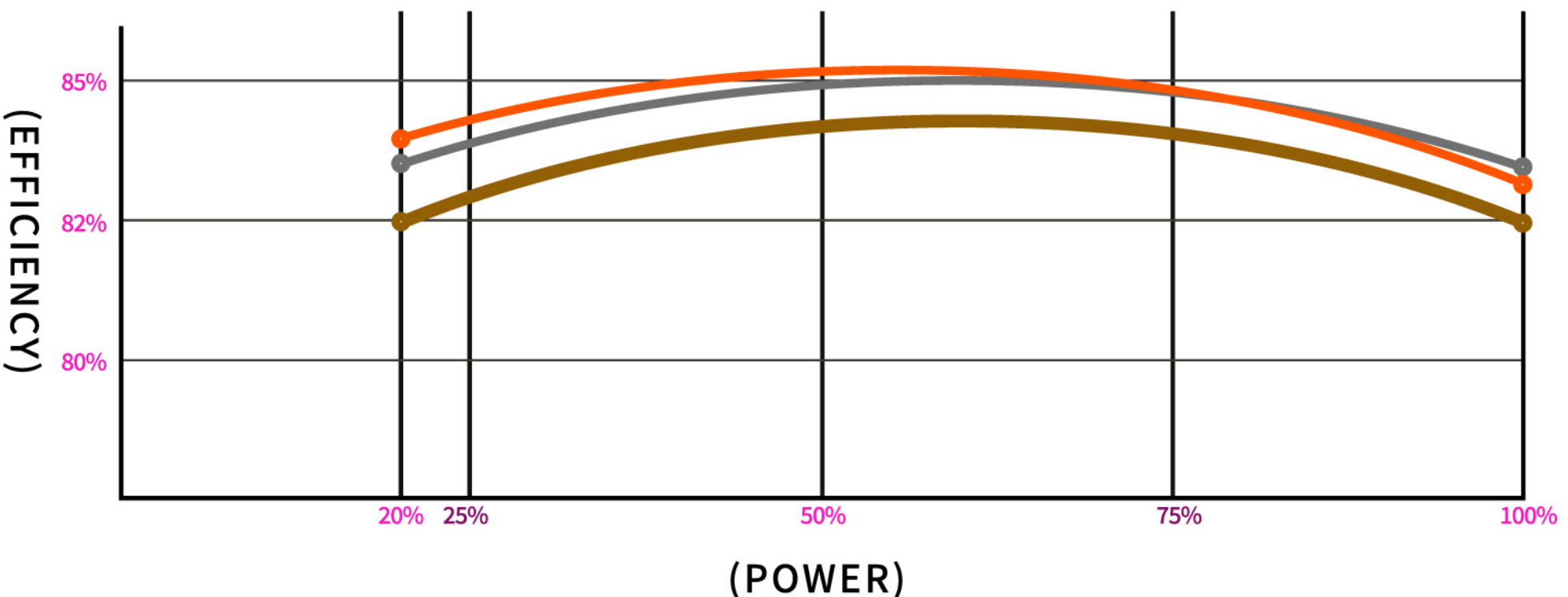
80+ bronze certificate. The measured efficiency of the power supply meets the requirements of the standard to a large extent: it is about 82% at 20% load, 85% at 50% load, and more than 82% when the demand is equal to the maximum power of the power supply. The better power efficiency leads to less power waste, less heat and less fan noise.



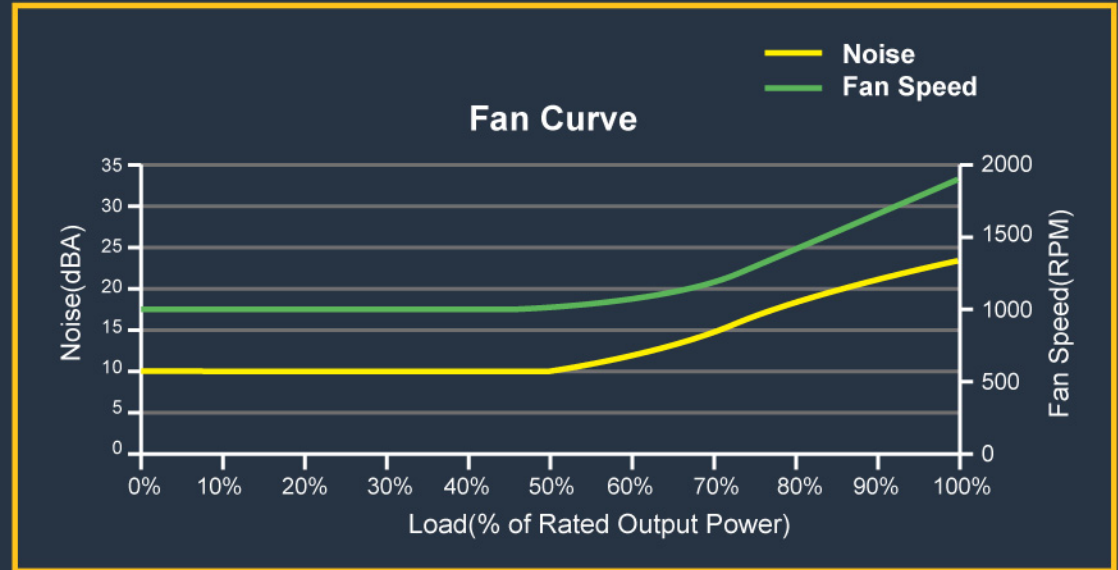
Kinpower Bronze

80 Plus® Bronze

80 Plus® Silver



Thermal Regulation Mode



Thermal regulation mode keep the psu silent and stable, once the load raise to 50%, the fan start to speed up. Keep stable and high cooling performance of the psu



Fanless Mode



Silent Mode



Cooling Mode

■ KP300B

Input	220-240VAC 5A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	16A	24A	0.3A	2A
Max.Power	84W		288W	3.6W	10W
Total Power	300W				

■ KP350B

Input	220-240VAC 5A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	16A	28A	0.3A	2A
Max.Power	84W		336W	3.6W	10W
Total Power	350W				

■ KP400B

Input	220-240VAC 5A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	16A	30A	0.3A	2A
Max.Power	84W		360W	3.6W	10W
Total Power	400W				

■ KP450B

Input	220-240VAC 5A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	16A	34A	0.3A	2A
Max.Power	84W		408W	3.6W	10W
Total Power	450W				

■ KP500B

Input	220-240VAC 5A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	16A	38A	0.3A	2A
Max.Power	84W		456W	3.6W	10W
Total Power	500W				

■ KP550B

Input	220-240VAC 5A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	16A	42A	0.3A	2A
Max.Power	84W		504W	3.6W	10W
Total Power	550W				

■ KP600B

Input	220-240VAC 8A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	20A	46A	0.3A	2A
Max.Power	103W		552W	3.6W	10W
Total Power	600W				

■ KP650B

Input	220-240VAC 8A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	20A	50A	0.3A	2A
Max.Power	103W		600W	3.6W	10W
Total Power	650W				

■ KP700B

Input	220-240VAC 10A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	20A	56A	0.3A	2A
Max.Power	103W		672W	3.6W	10W
Total Power	700W				

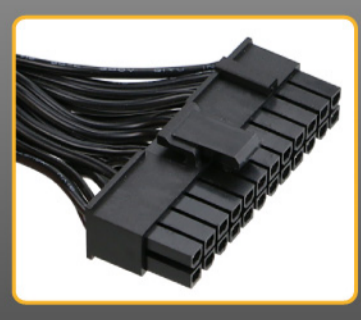
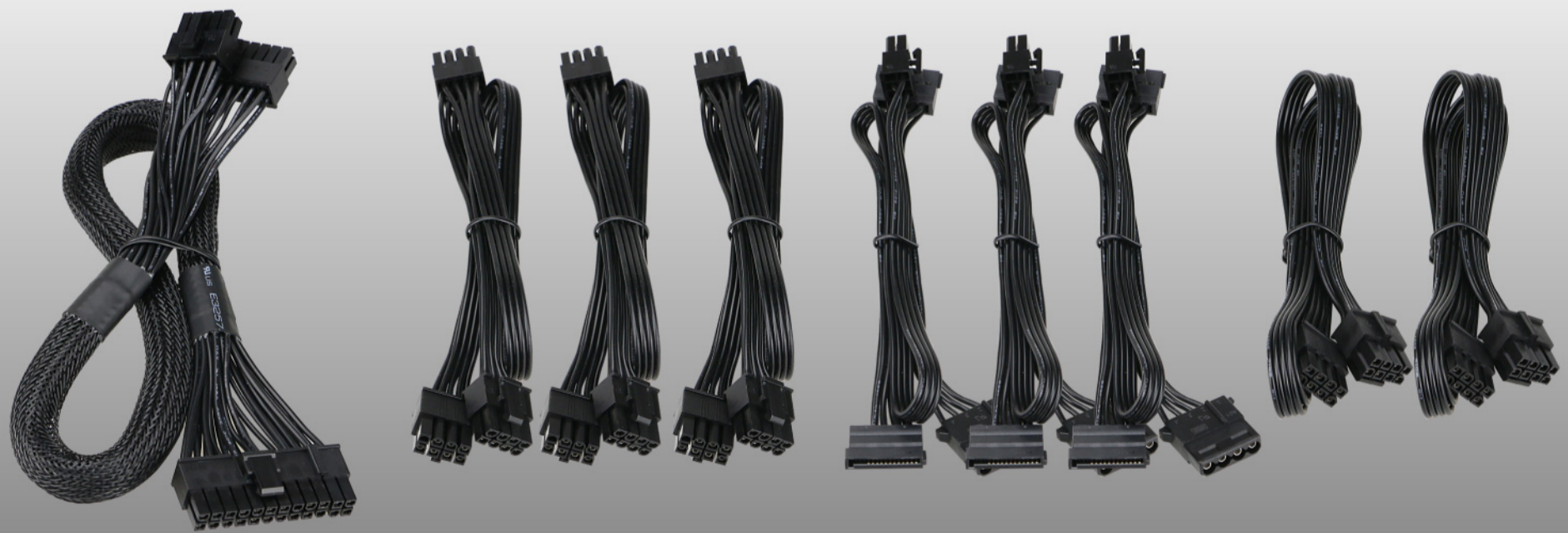
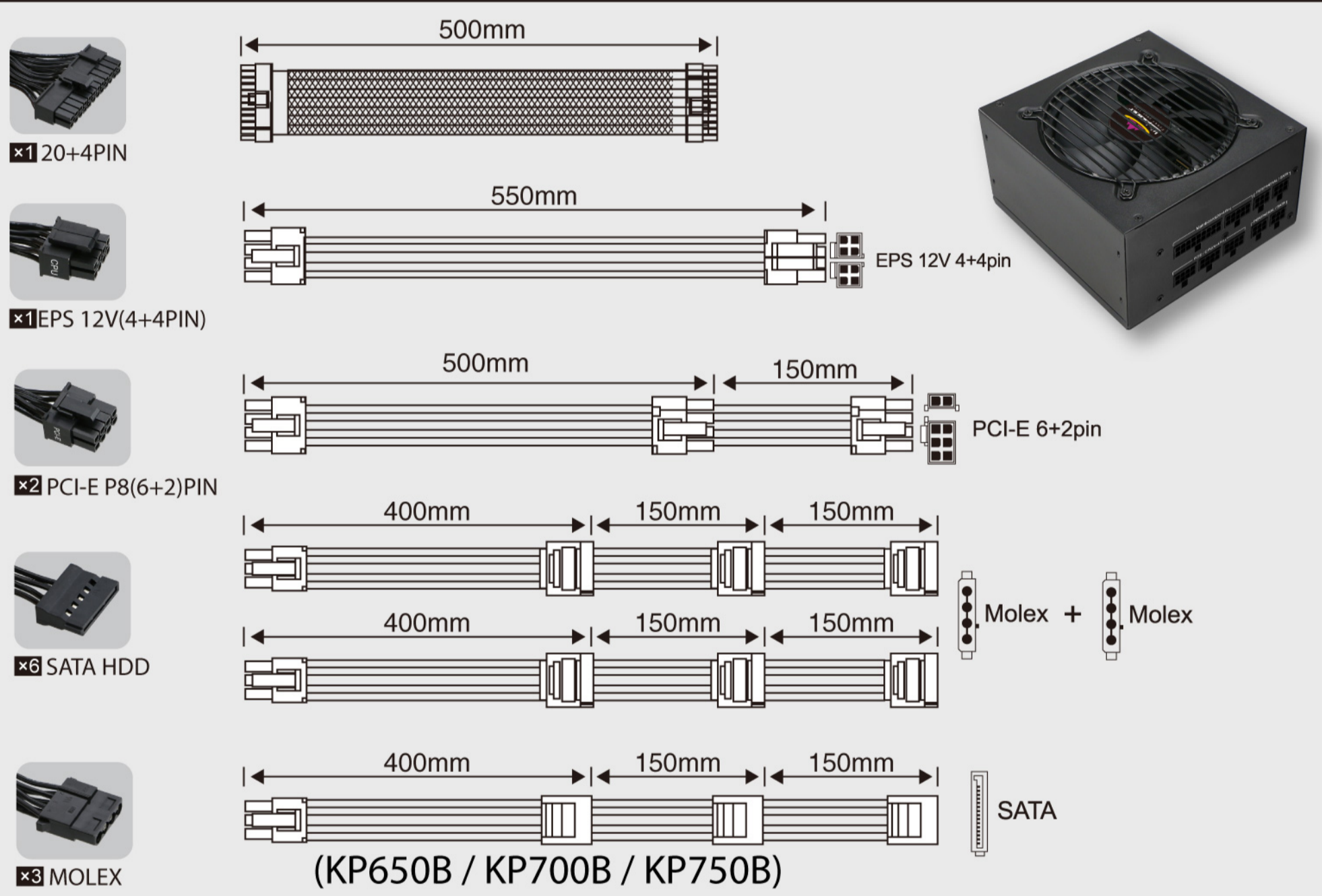
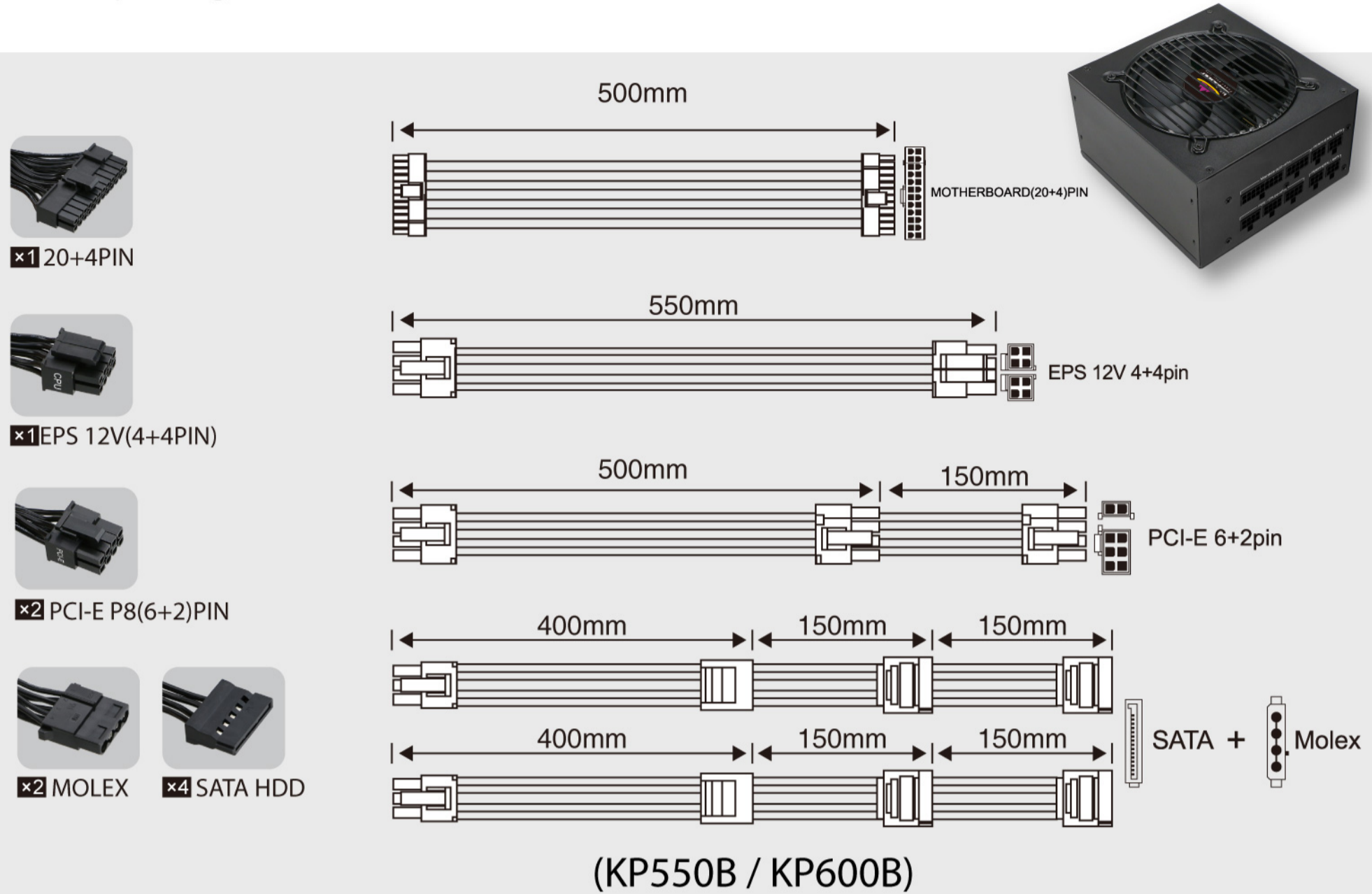
■ KP750B

Input	220-240VAC 10A 50/60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.Current	16A	20A	60A	0.3A	2A
Max.Power	103W		720W	3.6W	10W
Total Power	750W				

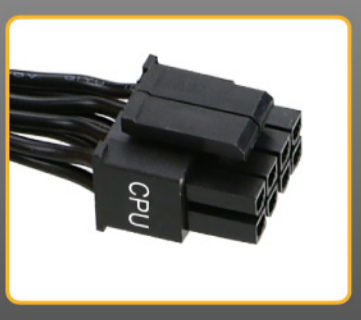


Fully modular and flat wiring

Kinpower Bronze full module set: 24-pin ATX and 8-pin EPS cables (two connectors in the 4+4 system), including two separate PCI-E bundles, Molex and SATA, according to the current needs of users Free to disconnect/connect. In addition, all cables are flat, which allows them to be easily distributed in the chassis while improving air circulation.



20+4PIN



EPS 12V(4+4)PIN



PCI-E P8(6+2)PIN



PCI-E 6PIN



CPU 4PIN



SATA HDD



MOLEX



FLOPPY

PACKING

POWER YOUR LIFE



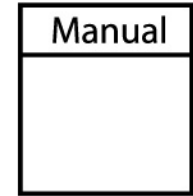
120 cm Input Cable



Fixing screws PSU/PC



Cable ties



User's Manual



Box



PC Power Supply

- KP300B
- KP350B
- KP400B
- KP450B
- KP500B
- KP550B
- KP600B
- KP650B
- KP700B
- KP750B

CERTIFICATIONS

POWER YOUR LIFE



FCC Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

