



About Super Flower

Super Flower Computer Inc. is a professional switching power supply and computer cases manufacturer in mainland China with headquarters in the Taiwan area.

Super Flower Computer Inc. was Established in 1991, we specialize in manufacturing and developing of power supply, computer cases, and related products. With our adherence to giving the best quality, we strive to make customers' needs the top priority and to expand our market. Our well-developed products include switching power supplies, PC cases, server cases and other accessories.

Jing Hua Co., Ltd. our new power supply plant was established in 2006. With more than 10 years of design and manufacturing experience in the power supply industry, we offer a total solution and would like the opportunity to become your long-term power partner.

If you can't find a suitable model from our catalogue, our talented R&D team can design a custom-made power supply to meet your requirements.

Our consistent efforts in higher density product development and new advances in technology promise to bring you products of the best quality at all times.



TAIWAN (Headquarter)
SUPER FLOWER COMPUTER INC.
7F, No. 649-1, Chung Cheng Road,
Xin Zhuang District, New Taipei City, Taiwan.

CHINA (FACTORY)
JING HUA CO., LTD.
Xie Keng Industrial Area, Qing Xi Town
Dong Guan City, Guang Dong Province, China

TEL: (+886)2-2908-5366
FAX: (+886)2-2908-5400 / 2-2908-5006
E-mail: info@super-flower.com.tw
<http://www.super-flower.com.tw>



POWER SUPPLY



2000W . 1600W
(230V. EU)



[Jonnyguru.com Review] Super Flower Leadex Gold 1300W

(on Mon, Dec-23-2013)



9.9/10

With a score of 9.9/10 - need we say much more? The Super Flower Leadex Gold 1300W Fully Modular "80 Plus Gold" Power Supply really is a league ahead. Check out the review on JonnyGURU here <http://www.jonnyguru.com>



Scoring

Performance (40% of the final score) - we'll start with the easiest category to score on for a unit like this. First, we saw nothing but excellence in the voltage stability area, clocking in at an average of 1% in the hot box. No scoring deductions there. Then, we saw the unit doing Gold efficiency in both sets of load tests. No deductions there. Finally, we saw way better than my requirements for excellence in the scope shots, which means no deduction there, either. What's that spell? A **10**. Perfect score!

Functionality (20% of the final score) - only fully modular units get no deductions for attached cabling, and this is such a beast. And really, I can't think of any one part of this area where this unit falls short. We get a switchable fanless mode, lighted modular connectors, nice sleeving... what more can a guy ask for? And Super Flower has addressed my main complaint here from the original Leadex review, namely the craptastic user guide, so I guess this category's getting a **10** too.

Value (20% of the final score) - as this unit is not available for purchase on the retail market in North America, we'll have to go over to Germany, where Caseking.de has this unit listed for €199.90. That's \$273.38 in US dollars. Kind of high for us, but we can't buy these anyway under the Super Flower name so it's not such a big deal. But it may be a big deal to people in Germany... let's see what else they have. Well, the Corsair AX1200i is at €284.90 and the EVGA version of this unit is €214.90, if that gives you some idea. Really, there is no competition for this unit... it is the cheapest thing this size Caseking has to offer. It's a total no-brainer. **10**.

Build Quality (20% of the final score) - all I found worth complaining about was the Capxons on the modular board, and even that's not much of a gripe. Half a point off for the presence of the second tier caps, and that's all. **9.5**.

Performance	10
Functionality	10
Value	10
Build Quality	9.5
Total Score	9.9

Summary

Super Flower's Leadex platform continues to be an absolutely unstoppable force in the market right now. Of all the units I've tested recently, only Enermax and Seasonic seem to be able to easily match what these people are doing. Enermax still holds the crown as far as sheer power capacity is concerned with units like the Maxrevo 1500W and the Lepa G-1600 cousin, while Seasonic still has the voltage stability edge with the X-1250. Right now, though, I think Super Flower's the only one striking that ideal balance between capacity, stability, and bang for buck to set their units just a smidgen above the pack. This platform is darn near unbeatable right now, and rightfully so.

The Good:

- excellent stability on all main rails
- manages Platinum efficiency at 20% load
- manages Gold efficiency down to 10% load
- fully modular
- under 15mV ripple, all main rails
- highly affordable

The Bad:

- does not come with bitcoins

The Mediocre:

- nothing



Reviews - Super Flower Leadex Gold 1300W
Sample Provided by: Super Flower (By Oklahomaopol on Mon, Dec-23-2013)

Page 6 - Scoring

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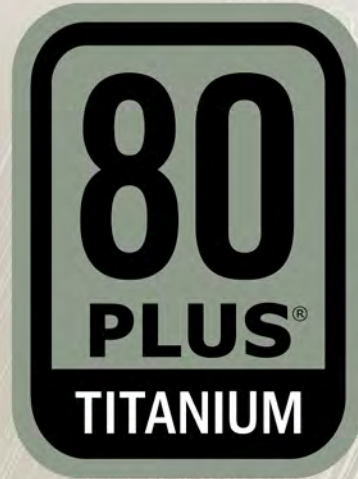
The Bad:

- does not come with bitcoins

The Mediocre:

- nothing





115V internal non-redundant
PFC > .95 at 20%

Percent Loading	Efficiency
10%	90%
20%	92%
50%	94%
100%	90%

LEADEX

TITANIUM

600W/1000W
1300W/1600W



World first 80Plus Titanium Certified PSU
Leadex Titanium 600W Verification and Testing Result

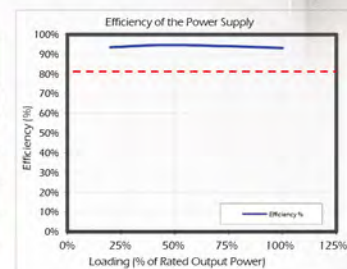
SF-600P14TE

TYPICAL EFFICIENCY (50% Load) : **94.61%**

AVERAGE EFFICIENCY : 93.72%

80 PLUS RATING : Titanium

PF	Load(%)	Input Watts	Output Watts	Efficiency(%)
0.94	10%	69.01	62.24	90.20%
0.98	20%	133.67	124.96	93.49%
1.00	50%	329.90	312.10	94.61%
1.00	100%	669.10	622.62	93.05%



Leadex Titanium 600W 1000W 1300W 1600W PSU are 80+ Titanium ready with 100% fully modular cable design, our R&D team's latest innovation, a brilliant idea to maximize PSU cables & connectors management to have the best cable routing solution, also increase case chassis air flow to have best cooling for your system.

Leadex series PSU provides high efficiency & stable power output and come with a 14cm two-way thermal control intelligent cooling fan to ensure your professional PC system will work under heavy load, also capable of powering your PC system equipped with NVIDIA[®] SLI[™] or ATI CrossFireX[™] setup.



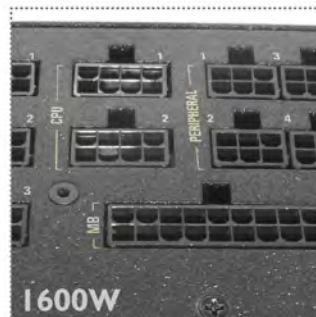
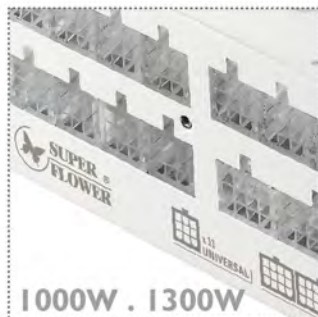


LEADEDX TITANIUM

600W. 1000W. 1300W. 1600W

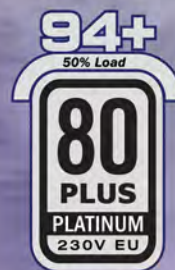
FEATURE

- 80 plus titanium ready at 10% 20% 50% 100% rated load
- Excellent stability & voltage regulation
- Full range auto voltage detection design (active PFC)
- 100% high quality Japanese capacitors
- 100% full modular cabling design for easy cable management
- Passed 50°C high temperature test
- 140mm double ball bearing cooling fan
- Intelligent thermal control system (Auto/ECO fan mode)
- Comply with ATX 12v V2.32 & EPS 12v V2.92 specification
- Intel Haswell CPU ready
- Support all Intel/AMD multi-core CPU & ATX/BTX compatible motherboards
- Support Nvidia® SLI™ & ATI CROSSFIRE™ high performance graphic card
- More THAN 2,000 TIMES on/off TEST
- Unleaded green materials WITH ROHS/WEEE compliance
- Perfect for professional & high performance gaming system





LEADEX PLATINUM

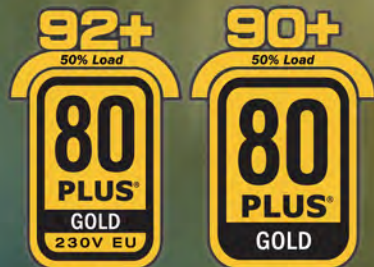


2000W . 1600W (230V. EU only)

FEATURE

- 80 plus platinum ready at 20% 50% 100% rated load
- Super high real wattage
- Excellent stability & voltage regulation
- Full range auto voltage detection design (active PFC)
- 100% high quality Japanese capacitors
- 100% full modular cabling design for easy cable management
- Passed 50°C high temperature test
- 140mm double ball bearing cooling fan
- Intelligent thermal control system (Auto/ECO fan mode)
- Comply with ATX 12v V2.32 & EPS 12v V2.92 specification
- Intel Haswell CPU ready
- Support all Intel/AMD multi-core CPU & ATX/BTX compatible motherboards
- Support Nvidia® SLI™ & ATI CROSSFIRE™ high performance graphic card
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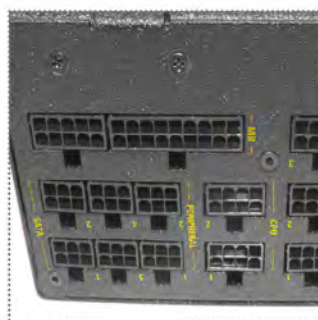


LEADEX GOLD

2000W . 1600W
(230V. EU only)

FEATURE

- 80 plus gold ready at 20% 50% 100% rated load
- Super high real wattage
- Excellent stability & voltage regulation
- Full range auto voltage detection design (active PFC)
- 100% high quality Japanese capacitors
- 100% full modular cabling design for easy cable management
- Passed 50°C high temperature test
- 140mm double ball bearing cooling fan
- Intelligent thermal control system (Auto/ECO fan mode)
- Comply with ATX 12v V2.32 & EPS 12v V2.92 specification
- Intel Haswell CPU ready
- Support all Intel/AMD multi-core CPU & ATX/BTX compatible motherboards
- Support Nvidia® SLI™ & ATI CROSSFIRE™ high performance graphic card
- More THAN 2,000 TIMES on/off TEST
- Unleaded green materials WITH ROHS/WEEE compliance
- Perfect for professional & high performance gaming system



LEADEX PLATINUM



Review & Award    

TECHPOWERUP     

550W / 650W / 750W / 850W / 1000W / 1300W

- FEATURE**
- 100% Full Modular Cabling Design For Easy Cable Management
 - 80 PLUS® Platinum Certified At 20% 50% 100% Rated Load
 - Full Range Auto Voltage Detection Design 100V~240V (Active PFC)
 - Comply With ATX 12V. V2.2, EPS 12V. V2.91 & SSI EPS 12V. V2.92 Specification
 - Comply With Energy Star Standard & EuP (Energy Using Products) Regulation
 - Over Voltage Protection / Over Current Protection / Over Power Protection / Short Circuit Protection / Under Voltage Protection
 - Support All Intel/AMD Multi-Core CPU & ATX/BTX Compatible Motherboards
 - Support NVIDIA® SLI™ & ATI CrossFireX™ High Performance Graphic Card
 - Patented Easy To Use & Install Crystal Clear Cube Connectors with LED
 - More than 2,000 times On/Off test
 - Unleaded Green Materials with RoHS/WEEE Compliance
 - Perfect For Professional & High Performance Gaming System



LEADEX

GOLD



Review & Award



TECHPOWERUP

JonnyGURU.com

PLAYARES
Play PG Hardware, Games and Community

tom's hardware

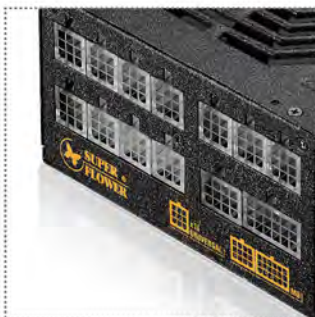
brain box

泡泡网
PCPOP.COM

550W / 650W / 750W / 850W / 1000W / 1300W

FEATURE

- 100% Full Modular Cabling Design For Easy Cable Management
- 80 PLUS® Gold Certified At 20% 50% 100% Rated Load
- Full Range Auto Voltage Detection Design 100V~240V (Active PFC)
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- Over Voltage Protection / Over Current Protection / Over Power Protection / Short Circuit Protection / Under Voltage Protection
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- More than 2,000 times On/Off test
- Unleaded Green Materials with RoHS/WEEE Compliance
- Perfect For Professional & High Performance Gaming System



GOLDEN SILENT

Passive Cooling. Silent Operation



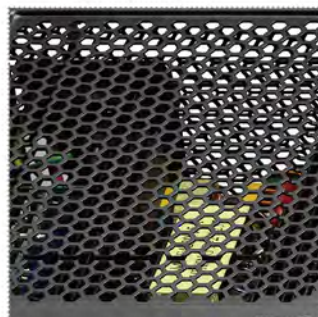
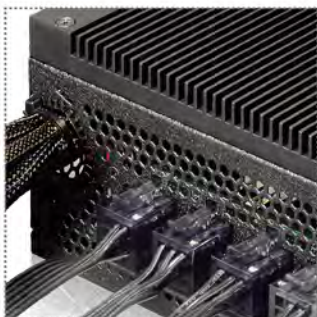
Review & Award



500W / 430W

FEATURE

- Support all Intel and AMD Multi-Core CPU and its compatible Motherboards, ATX/ BTX compliant.
- Compliance with ATX 12V v2.2, EPS 12V v2.91 and SSI EPS 12V v2.92 Specification.
- Fit in with U.S.A Energy Star standards/ EuP(Energy-using Products) instructions .
- Over Power Protection / Under Power Protection / Over Voltage Protection / Short Circuit Protection.
- 80 PLUS® High Efficiency Power Supply Certified Platinum / Gold Level.
- More than 2,000 Times ON / OFF Test.
- All series are made of RoHS unleaded green material.
- Full Range Design from 100V ~ 250V. (Active PFC).
- Multiple safety certificates acquired.
- Support NVIDIA (SLI)/ATI, high rank & high efficiency graphic card.
- Patent easy plug-in design, safe and firmly attached once connected.
- Patent High Power Vertical Double Layer Main Transformer (Taiwan Patent No: M381 155 / China Patent No: ZL2009 2 0273 193.2) (Patent applying for U.S.A, Germany, China, Japan and Spain, etc.)





GOLDEN GREEN



HX SERIES Modular Cable

Review & Award



**350W/ 400W/ 450W/ 500W/ 550W/ 600W/ 650W
700W/ 750W/ 800W/ 850W**

FEATURE

- Support all Intel and AMD Multi-Core CPU and its compatible Motherboards, ATX/ BTX compliant.
- Compliance with ATX 12V v2.2, EPS 12V v2.91 and SSI EPS 12V v2.92 Specification.
- Fit in with U.S.A Energy Star standards/ EuP(Energy-using Products) instructions.
- Over Power Protection / Under Power Protection / Over Voltage Protection / Short Circuit Protection.
- Passed 80 PLUS® Gold Certification, on 20% 50% 100% loading, with 87% 90% 87% Transform Efficiency.
- More than 2,000 Times ON / OFF Test.
- All series are made of RoHS unleaded green material.
- Full Range Design from 100V ~ 250V. (Active PFC).
- Multiple safety certificates acquired.
- Support NVIDIA (SLI)/ATI, high rank & high efficiency graphic card.
- Patent easy plug-in design, safe and firmly attached once connected.
- Patent High Power Vertical Double Layer Main Transformer(Taiwan Patent No:M381155/ China Patent No: ZL2009 2 0273193.2)
- Patent Dual Voltage Circuit with Intelligence Thermal Control System (Taiwan Patent No:M381102)
(Patent applying for U.S.A, Germany, China, Japan and Spain, etc.)



AMAZON



Review & Award



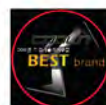
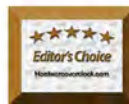
**300W/ 350W/ 400W/ 450W/ 500W/ 550W/ 600W
650W/ 700W/ 750W/ 800W/ 850W**

FEATURE

- Support all Intel and AMD Dual Core and Quad core and its compatible Motherboards, ATX/BTX compliant.
- Compliance with ATX 12V v2.2, EPS 12V v2.91, and SSI EPS 12V v2.92 Specification.
- More than 2,000 Times ON/ OFF Test.
- 80 PLUS® High Efficiency Power Supply Certified Silver/ Bronze Level.
- Full Range Design from 100V ~ 250V or 230V only
- PCI-E 6pin & 8(6+2)pin Connector Satisfy High-end Graphic Card Requirement.
- More than 88% Efficiency. (At 230V, the Average Data in 50% Load)
- Over Power Protection / Under Power Protection / Over Voltage Protection / Short Circuit Protection.



REVIEWS & AWARDS



MAIN SUPPLIER

We proudly present our main cooperative supplier and we deeply appreciate their full support .



JAPAN



GERMANY



U.S.A



JAPAN



JAPAN



U.S.A



SPECIFICATIONS

Classification	Titanium 	Platinum 	Gold 	Silver 	Bronze 	Standard 	ATX 12V v2.31
Input Voltage	Full Range	Full Range	Full Range	Full Range	Full Range or 230V only	Full Range or 230V only	115V/230V or 230V only
Wattage	650W-1600W	650W-2000W	350W-2000W	350W-1300W	300W-1500W	300W-1500W	300W-800W
Efficiency (50% Loading)	94%	92%	90%	88%	85%	80%	78%

OUTPUT SPECIFICATION

Powerful 12V output

Strictly provide strong 12V output as actual wattage output.

500W						750W						1000W					
AC INPUT	115~240Vac 10A 60/50Hz					AC INPUT	100~240Vac 10A 60/50Hz					AC INPUT	100~240Vac 15A 60/50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB	DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB	DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
Max output Current	22A	22A	41.5A	0.5A	3.0A	Max output Current	24A	24A	62.4A	0.5A	3.0A	Max output Current	24A	24A	83.3A	0.5A	3.0A
Max combined Wattage	110W	498W	6W	15W	500W	Max combined Wattage	120W	748.8W	6W	15W	750W	Max combined Wattage	120W	999.6W	6W	15W	1000W

1300W						1600W						2000W (230V, EU)					
AC INPUT	100~240Vac 15A 60/50Hz					AC INPUT	115~240Vac 17~10A 60/50Hz					AC INPUT	200~240Vac 13A 50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB	DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB	DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
Max output Current	24A	24A	108.3A	0.5A	3.0A	Max output Current	24A	24A	133.3A	0.5A	3.0A	Max output Current	24A	24A	166.6A	0.5A	3.0A
Max combined Wattage	120W	1299.6W	6W	15W	1300W	Max combined Wattage	120W	1599.6W	6W	15W	1600W	Max combined Wattage	120W	1999.2W	6W	15W	2000W

INTERIOR MATERIAL USED (High-end Models)

- Nippon Chemi-Con Solid State Capacitor and Capacitance 
- German well-known Brand "  " Low Rds (on) Cool Mos
- U.S.A "CREE" High Efficiency Carbide Schottky Diode 
- LITE-ON High-End Bridge Converter
- USA  Tyco Electronics Relay
- Japan  TDK Chip Capacitor
- Japan  TDK High Efficiency Ferrite Cores
- Japan "NMB" 2 Ball-bearing Fan
- PEWC High Purity Copper Wire

ATI CROSSFIRE / SLI



ATI: This technology of ATI allowed, by using a secondary video card and a dual PCI-E motherboard based on an ATI Crossfire-compatible chipset, the ability to combine the power of the two video cards to increase performance through a variety of different rendering options.

NVIDIA: NVIDIA SLI™ technology is a revolutionary platform innovation that allows you to intelligently scale graphics performance by combining multiple NVIDIA graphics solutions in an SLI-Certified motherboard.

Our power supply is compatible with ATI crossfire and nVIDIA chipset VGA cards ; moreover, above 800W power supplies can support crossfire X.



80 PLUS CERTIFICATION

80 PLUS® is an innovative, electric utility-funded incentive program to integrate more energy-efficient power supplies into desktop computers and servers. 80 PLUS® has announced higher efficiency levels of Certification (Standard, Bronze, Silver, Gold, Platinum, Titanium).

There are 106 pcs certified items and 17 Platinum efficiency power supply under testing, and will be more in coming days. Super Flower is the leading company in Titanium Certification and manufacturing related Titanium products.



Loading	Efficiency	Efficiency	Efficiency	Efficiency	Efficiency	Efficiency
10%	90%					80%
20%	92%	90%	87%	85%	82%	80%
50%	94%	92%	90%	88%	85%	80%
100%	90%	89%	87%	85%	82%	80%

Standard , Approval Model 16PCS
 Bronze , Approval Model 25PCS
 Silver , Approval Model 9PCS
 Gold , Approval Model 36PCS
 Platinum , Approval Model 17PCS
 Titanium , Approval Model 1PCS
 Gold , Under Testing 2PCS
 Platinum , Under Testing 2PCS
 Titanium , Under Testing 3PCS
Total Model 113PCS

LIST

Model Number	Form Factor	Wattage	Typical Efficiency	Rating
SF-500P14HE-Bronze	ATX12V	500	87.00	Bronze
SF-600P14HE	ATX12V	600	85.22	Standard
SF-550P14HE	ATX12V	550	85.14	Bronze
SF-650P14HE	ATX12V	650	85.09	Bronze
SF-700P14HE	ATX12V	700	84.77	Standard
SF-750P14HE	ATX12V	750	84.63	Standard
SF-800P14HE	ATX12V	800	84.64	Standard
SF-850P14HE	ATX12V	850	84.71	Standard
SF-900P14HE	ATX12V	900	84.84	Standard
SF-1000P14HE	ATX12V	1000	84.79	Standard
SF-1100P14HE	ATX12V	1100	85.01	Standard
SF-350P14HE	ATX12V	350	83.94	Standard
SF-400P14HE	ATX12V	400	84.22	Standard
SF-450P14HE	ATX12V	450	84.40	Standard
SF-650R14HE	ATX12V	650	86.33	Bronze
SF-800R14HE	ATX12V	800	86.72	Bronze
SF-850R14HE	ATX12V	850	87.06	Bronze
SF-900R14HE	ATX12V	900	86.75	Bronze
SF-1000R14HE	ATX12V & EPS12V	1000	85.57	Bronze
SF-1200P14HE	ATX12V & EPS12V	1200	86.24	Bronze
SF-650K14HE	ATX12V	650	87.64	Bronze
SF-650R14SE	ATX12V	650	89.23	Silver
SF-700R14SE	ATX12V	700	88.74	Silver
SF-600R14SE	ATX12V	600	88.74	Silver
SF-700R14HE	ATX12V	700	86.99	Bronze
SF-500R14HE	ATX12V	500	87.23	Bronze
SF-450R14HE	ATX12V	450	87.44	Bronze

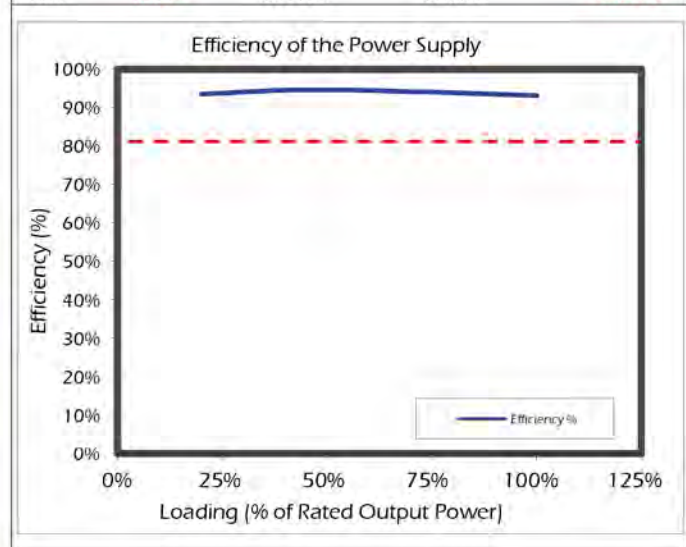
Model Number	Form Factor	Wattage	Typical Efficiency	Rating
SF-750R14SE	ATX12V	750	89.12	Silver
SF-750R14HE	ATX12V	750	86.82	Bronze
SF-550R14SE	ATX12V	550	88.51	Silver
SF-1000K14HE	EPS12V	1000	86.65	Bronze
SF-800K14HE	EPS12V	800	86.55	Bronze
SF-900K14HE	EPS12V	900	86.65	Bronze
SF-800R14SE	EPS12V	800	88.59	Silver
SF-600K14HE	ATX12V & EPS12V	600	86.66	Bronze
SF-650P14XE	ATX12V & EPS12V	650	90.69	Gold
SF-700P14XE	ATX12V & EPS12V	700	90.63	Gold
SF-600P14XE	ATX12V & EPS12V	600	90.73	Gold
SF-550P14XE	ATX12V & EPS12V	550	90.81	Gold
SF-500P14XE	ATX12V & EPS12V	500	90.46	Gold
SF-750P14XE	EPS12V	750	91.30	Gold
SF-450P14HE	EPS12V	450	86.61	Bronze
SF-800P14HE	EPS12V	800	86.73	Bronze
SF-800P14XE	EPS12V	800	91.15	Gold
SF-1000P14HE	EPS12V	1000	87.20	Bronze
SF-1000P14XE	EPS12V	1000	90.83	Gold
SF-1200P14XE	EPS12V	1200	91.02	Gold
SF-400P14HE	EPS12V	400	87.83	Bronze
SF-600R14HE	EPS12V	600	87.03	Bronze
SF-850P14XE	EPS12V	850	90.97	Gold
SF-650R14BE	ATX12V & EPS12V	650	84.74	Standard
SF-800R14BE	ATX12V & EPS12V	800	84.48	Standard
SF-850R14BE	ATX12V & EPS12V	850	83.65	Standard
SF-900R14BE	ATX12V & EPS12V	900	84.59	Standard



Model Number	Form Factor	Wattage	Typical Efficiency	Rating
SF-650R14XE	EPS12V	650	91.18	Gold
SF-850R14XE	EPS12V	850	91.26	Gold
SF-1100P14XE	EPS12V	1100	91.22	Gold
SF-900P14XE	EPS12V	900	90.99	Gold
SF-430P14XE	EPS12V	430	91.04	Gold
SF-950P14XE	EPS12V	950	91.09	Gold
SF-1050P14XE	EPS12V	1050	90.83	Gold
SF-400P14XE	EPS12V	400	90.92	Gold
SF-450P14XE	EPS12V	450	90.64	Gold
SF-530P14XE	EPS12V	530	90.34	Gold
SF-350P14XE	EPS12V	350	90.88	Gold
SF-550P14PE	EPS12V	550	92.88	Platinum
SF-500K14HE	EPS12V	500	85.77	Bronze
SF-1300P14XE	EPS12V	1300	91.88	Gold
SF-1000P14PE	EPS12V	1000	92.64	Platinum
SF-450R14SE	EPS12V	450	88.94	Silver
SF-500P14FG	EPS12V	500	92.83	Platinum
SF-500P14PE	EPS12V	500	93.07	Platinum
SF-450P14PE	ATX12V	450	92.99	Platinum
SF-1000R14SE	EPS12V	1000	89.39	Silver
SF-450P14FG	EPS12V	450	92.56	Platinum
SF-550P14FG	EPS12V	550	92.36	Platinum
SF-600P14PE	EPS12V	600	92.64	Platinum
SF-650P14PE	EPS12V	650	92.55	Platinum
SF-700P14PE	EPS12V	700	92.47	Platinum
SF-750P14PE	EPS12V	750	92.29	Platinum
SF-500P14HE	EPS12V	500	84.95	Standard
SF-850P14PE	EPS12V	850	92.38	Platinum
SF-600P14HE-Bronze	EPS12V	600	86.62	Bronze
SF-1200P14PE	EPS12V	1200	92.66	Platinum
SF-600P14TE	EPS12V	600	94.61	Titanium
SF-530P14PE	EPS12V	530	92.37	Platinum
SF-1000F14MP	ATX12V & EPS12V	1000	92.53	Platinum
AT-430P12HE	ATX12V & EPS12V	430	84.69	Standard
AT-530P12HE	ATX12V & EPS12V	530	85.74	Standard
SF-450P14XE(HX)	EPS12V	450	90.82	Gold
SF-550P14XE(HX)	ATX12V & EPS12V	550	90.44	Gold
SF-1000F14MG	ATX12V & EPS12V	1000	90.31	Gold
SF-1200F14MP	ATX12V & EPS12V	1200	92.44	Platinum
SF-1300F14MG	ATX12V & EPS12V	1300	91.75	Gold
SF-500P14XE(HX)	ATX12V & EPS12V	500	90.48	Gold
SF-600P14XE(HX)	ATX12V & EPS12V	600	91.02	Gold
SF-350P14XE(HX)	ATX12V & EPS12V	350	90.86	Gold
SF-650P14XE(HX)	ATX12V & EPS12V	650	90.76	Gold

Model Number	Form Factor	Wattage	Typical Efficiency	Rating
SF-750F14MG	ATX12V & EPS12V	750	90.56	Gold
SF-750P14XE(HX)	ATX12V & EPS12V	750	90.51	Gold
SF-850F14MP	ATX12V & EPS12V	850	92.11	Platinum
SF-430P14FG	ATX12V & EPS12V	430	90.69	Gold
SF-650F14MG	ATX12V & EPS12V	650	90.55	Gold
SF-500R14SE	ATX12V & EPS12V	500	88.94	Silver
SF-850F14MG	ATX12V & EPS12V	850	90.47	Gold
SF-400P14XE(HX)	ATX12V & EPS12V	400	90.14	Gold
SF-430P14FG	ATX12V & EPS12V	430	90.69	Gold
SF-650F14MG	ATX12V & EPS12V	650	90.55	Gold
SF-500R14SE	ATX12V & EPS12V	500	88.94	Silver
SF-850F14MG	ATX12V & EPS12V	850	90.47	Gold
SF-1600F14MG	ATX12V & EPS12V	1600	under testing	Gold
SF-1600F14MP	ATX12V & EPS12V	1600	under testing	Platinum
SF-1000F14MT	ATX12V & EPS12V	1000	under testing	Titanium
SF-1300F14MT	ATX12V & EPS12V	1300	under testing	Titanium
SF-1600F14MT	ATX12V & EPS12V	1600	under testing	Titanium
SF-2000F14MG	ATX12V & EPS12V	2000	under testing	Gold 230V, EU
SF-2000F14MP	ATX12V & EPS12V	2000	under testing	Platinum 230V, EU

SF-600P14TE	EPS12V	600	94.61	Titanium
PF	Load(%)	Input Watts	Output Watts	Efficiency(%)
0.94	10%	69.01	62.24	90.20%
0.98	20%	133.67	124.96	93.49%
1.00	50%	329.90	312.10	94.61%
1.00	100%	669.10	622.62	93.05%



CASE & ACCESSORY



CASE | SF-2000



AIRCooling SYSTEM



SPECIFICATIONS

Model No.	SF-2000
Color	Black
Type	ATX Full Tower
Thickness	Japanese SECC Chassis Thickness 0.7mm
Mainboard	Micro ATX, ATX, EATX
5.25" Drive Bays	4
3.5" Drive Bays(Included)	1
3.5" Hidden	6
Cooling Fan	Optional: 12cm blue LED front fan x 2 12cm rear fan x 1 12cm CPU fan x 1 20cm blue LED side fan x 2 20cm top fan x 2
I/O Intertace	2.0 USB x 2, 3.0 USB x 1, e-SATA x 1, S/P x 1, MIC x 1
Front Panel Botton & Lights	Power, Reset, Power LED, HDD LED
Dimension [D x W x H] mm	580 x 205 x 525 / 580 x 205 x 550 (with Feet)

SHIPPING INFO.

Packing (C.U.F.T.)	4.62"
Weight / W/O Power Supply	N/W: 10.8Kg, G/W: 12.5Kg
Weight / With Power Supply	N/W: 11.8Kg, G/W: 13.5Kg
20' Container O'ty	220Sets
40' Container O'ty	440Sets
40' High Container O'ty	520Sets

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DETAIL



CASE | SF-1000II



SPECIFICATIONS

Model No.	SF-1000 II
Color	Fully Black Finish
Type	Mid Tower
Material	Japanese SECC 0.6mm Thickness
M/B Compatibility	Micro ATX & Standard ATX
Expansion	
External 5.25" Bays	4 Bays
External 3.5" Bays	1 Bay
Internal 3.5" Bays	0~5 Bays (2.5" & 3.5" Tool-less Trays)
Internal 2.5" Bays	0~5 Bays (2.5" & 3.5" Tool-less Trays)
Internal 2.5" Bays (Bottom)	1 Bay (Special SSD Holder)
Expansion Slots	7 Slots
Front Panel	
I/O Intertace	2 x USB3.0 + 2 x USB2.0 + Audio (AC97+HD AUDIO)
Cooling System (FAN)	
Case Chassis - Rear	Support 1pc 12cm Fan (Optional)
Case Chassis - Front	Support 1pc 14cm LED Fan (Optional)
Case Chassis - Top	Support 1pc 20cm Fan (Optional)
Case Chassis - Side	Support 1pc 14cm LED Fan (Optional)
Case Chassis - Bottom	Support 1pc 12cm or 14cm Fan (Optional)
Physical Spec	
Dimension	530 x 225 x 560MM (DxWxH)

SPECIAL FEATURES

- Pro Class Mid Tower Case Chassis.
- Unique & Flexible Case Chassis Design.
- Tool-less Clips & HDD Trays.
- Intelligent Cable Management Design.
- Support Up to 5 Fans for System Cooling.
- Support Bottom Mount PSU.
- Support Long Graphic Card Up to 330mm.

SHIPPING INFO.

Packing (C.U.F.T.)	2.65"
Weight / W / O Power Supply	N/W: 7.3Kg, G/W: 8.6Kg
Weight / With Power Supply	N/W: 8.5Kg, G/W: 9.8Kg
20' Container Q'ty	390Sets
40' Container Q'ty	780Sets
40' High Container Q'ty	920Sets

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DETAIL



CASE | SF-1000



AIRCOOLING SYSTEM



SPECIFICATIONS

Model No.	SF-1000
Color	Black
Type	ATX Midi Tower
Thickness	Japanese SECC Chassis thickness 0.6mm
Mainboard	Micro ATX, ATX (12" x 9.6")
5.25" Drive Bays	10
3.5" Drive Bays(Included)	1
3.5" Hidden	8
Cooling Fan	Optional: 14cm LED front fan x 2 12cm rear fan x 1 20cm LED side fan x 1 20cm top fan x 1
I/O Intertace	USB Port x 4, S/P x 1, MIC x 1 or USB Port x 3, S/P x 1, MIC x 1, eSATA x 1
Front Panel Botton & Lights	Power, Reset, Power LED, HDD LED
Dimension (D x W x H) mm	500 x 205 x 520

SHIPPING INFO.

Packing (C.U.F.T.)	3.5"
Weight / W / O Power Supply	N/W: 9.0Kg, G/W: 10.0Kg
Weight / With Power Supply	N/W: 10.5Kg, G/W: 11.5Kg
20' Container Q'ty	294Sets
40' Container Q'ty	580Sets
40' High Container Q'ty	690Sets

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DETAIL



CASE | SF-800



SF-800W



SF-800RF



SF-800N



SPECIFICATIONS

Model No.	SF-800N/SF-800W/SF-800F	EVO SF-800
Color	Black and Silver	Black with Red/Black Chassis
Type	ATX Midi Tower	
Thickness	0.6mm Steel	Japanese SECC Chassis thickness 0.6mm Steel
Mainboard	Micro ATX, ATX (12" x 9.6")	
5.25" Drive Bays	9	
3.5" Drive Bays(Included)	1	
3.5" Hidden	4	
Cooling Fan	Optional: 12 cm or 14 cm blue LED front fan x1 12 cm rear fan x1 14 cm or 12cm or 20cm side fan x1 14 cm red top fan x 1 12 cm airduct x1	
I/O Intertace	USB Port x 4, S/P x 1, MIC x 1	
Front Panel Botton & Lights	Power, Reset, Power LED, HDD LED	
Dimension (D x W x H) mm	500 x 205 x 435mm / 500 x 205 x 460mm(With Feet)	

SHIPPING INFO.

SF-800	
Packing (C.U.F.T.)	2.48"
Weight / W / O Power Supply	N/W: 8.0Kg, G/W: 9Kg
Weight / With Power Supply	N/W: 9.5Kg, G/W: 10.5Kg
20' Container O'ty	410Sets
40' Container O'ty	830Sets
40' High Container O'ty	970Sets

EVO SF-800	
Packing (C.U.F.T.)	2.77"
Weight / W / O Power Supply	N/W: 8.0Kg, G/W: 9.0Kg
Weight / With Power Supply	N/W: 9.5Kg, G/W: 11.1Kg
20' Container O'ty	370Sets
40' Container O'ty	730Sets
40' High Container O'ty	870Sets

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DETAIL



Anti-sliding Feet

EVO SF-800



HDD Cage for 4 pcs HDD

EVO SF-800



Airflow Vent on Top

EVO SF-800



Water Cooler Pipe Vent

EVO SF-800



Power Supply Positoin

EVO SF-800



FDD/HDD/Card Reader Bracket

EVO SF-800/SF-800



CASE | SF-700



SPECIFICATIONS

Model No.	SF-700T	SF-700
Color	White / Red / Black	
Type	ATX Midi Tower	
Thickness	Japanese SECC Chassis Thickness 0.6mm	
Mainboard	Micro ATX, ATX (12" x 10.3")	
5.25" Drive Bays	4	
3.5" Drive Bays	1	
3.5" Hidden	5	
Cooling Fan	Optional: 12cm x1 front fan 12cm x1 rear fan 12cm x2 top fan 12cm x2 side fan 14cm or 12cm x1 bottom fan	
I/O Intertace	2.0 USB x 2, 3.0 USB x1, S/P x 1, MIC x 1	
Front Panel Button & Lights	Power, Reset, Power LED, HDD LED	
Dimension (D x W x H) mm	500 x 245 x 465	500 x 225 x 465

SHIPPING INFO.

Packing (C.U.F.T.)	2.65"
Weight / W / O Power Supply	N/W: 7.3Kg, G/W: 8.6Kg
Weight / With Power Supply	N/W: 8.5Kg, G/W: 9.8Kg
20' Container O'ty	390Sets
40' Container O'ty	780Sets
40' High Container O'ty	920Sets



DETAIL



CASE | SF-701



SPECIFICATIONS

Model No.	SF-701
Color	Black
Type	ATX Midi Tower
Thickness	Japanese SECC Chassis Thickness 0.6mm
Mainboard	Micro ATX, ATX (12" x 9.6")
5.25" Drive Bays	9
3.5" Drive Bays	1
3.5" Hidden	1
Cooling Fan	Optional: 12cm x1 front fan 12cm x1 rear fan
I/O Intertace	USB Port x 2, Audio(Support AC97&HD AUDIO Simultaneously)
Front Panel Botton & Lights	Power, Reset, Power LED,HDD LED
Dimension (D x W x H) mm	500 x 205 x 435mm

SHIPPING INFO.

Packing (C.U.F.T.)	2.51"
Weight / W / O Power Supply	N/W: 6.4Kg, G/W: 7.7Kg
Weight / With Power Supply	N/W: 7.8Kg, G/W: 8.7Kg
20' Container O'ty	410Sets
40' Container O'ty	830Sets
40' High Container O'ty	970Sets

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DETAIL



CASE | S-1



S1-S

S1-BK

S1-BL



SPECIFICATIONS

Model No.	S-1
Color	Black
Type	ATX Midi Tower
Thickness	Japanese SECC Chassis Thickness 0.6mm
Mainboard	Micro ATX, ATX (12" x 9.6")
5.25" Drive Bays	9
3.5" Drive Bays	1
3.5" Hidden	1
Cooling Fan	Optional: 12cm x 1 front fan 12cm x 1 rear fan
I/O Intertace	2.0 USB x1/3.0USB x1/ e-SATA x1 / Microphone + Audio (Support AC97&HD AUDIO Simultaneously)
Front Panel Botton & Lights	Power Switch x2, Reset, Power LED, HDD LED
Dimension (D x W x H) mm	500 x 205 x 460

SHIPPING INFO.

Packing (C.U.F.T.)	2.65"
Weight / W / O Power Supply	N/W: 7.3Kg, G/W: 8.6Kg
Weight / With Power Supply	N/W: 9.5Kg, G/W: 11Kg
20' Container Q'ty	390Sets
40' Container Q'ty	780Sets
40' High Container Q'ty	920Sets

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DETAIL



FAN | SF-F102



TURBO 12cm / 14cm FAN

SPECIFICATIONS

Model	Turbo 120mm Cooling Fan
Model No.	SF - F102
Bearing Type	Duro Bearing(Long Life Sleeve)
Fan Size	120mm
Rate Speed(RPM)	1400RPM ±200RPM
Air Flow	61.7 Max. CFM
At Zero Static pressure	1.63 Max. CMM
Max. Static Pressure	0.80 Max. mmAq
At Zero Flow	0.03 Max. InAq
Rated Voltage	12 VDC
Starting Voltage	5.0 VDC
Consumption Current	0.28 Max. Amp at 12VDC
Rated Input Power	3.36 Max. Watt at 12VDC
Acoustic Sound Level	19.9 dBA
Life Expectancy(MTBF)	60,000 Hours

PHYSICAL SPEC

Dimensions(mm)	120 x 120 x 25
Weight	136g

FEATURES

Turbo Vortex Technology

Takes full advantage of the aerodynamic design, the turbo vortex technology design can produce pressurized air similar to tornado-like effect which will push air directly to concentrated area to achieve optimal airflow to cool your professional system.

SPECIAL FEATURES

Duro Bearing Technology for Longer Life Expectancy and Lower Noise.

Low Noise Design with Acoustic Sound Level Under 20dBa.

Protective Cable Sleeve for Easy Cable Management.

-10°C to +70°C Extreme Operating Temperature.

Best Choice for PC Case, CPU Coolers and Water Cooling Radiators.

SHIPPING INFO.

Packing (C.U.F.T.)	1.75" / per carton
Weight	N/W: 3.9Kg, G/W: 6.8Kg
Per carton	24Pcs





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