FSP

POWER NEVER ENDS

2019/20

PRODUCT CATALOG

www.FSPLifestyle.com

Are you ready?_>

>>>

ABOUT FSP

Founded in 1993, FSP is one of the leading manufacturers of power supply products in the world. With years of experience in retail industry, FSP understands the needs of end-users and develops a comprehensive product portfolio, including power supplies, adapters, cases, coolers and UPS. Most of its PSU products are certified to 80 plus standards, ensuring the best performance is delivered.

Our Vision

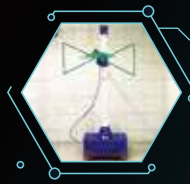
To be the global leading provider of green energy solutions,
to touch people's life and to contribute to a better environment.

Our Mission

Providing the best value to customers, employees and shareholders
by our innovative service and high quality products.

FSP IS COMMITED TO PROVIDING THE BEST QUALITY PSU

A power supply unit (PSU) is like a heart to the PC. FSP believes a good power supply must be reliable, durable and stable. Hence, all FSP power supply products are required to pass a variety of rigorous quality tests, including high-pressure, vibration, temperature, humidity, EMI, EMS tests and more.

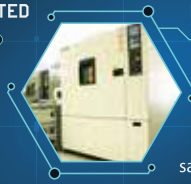


EMI & EMS TEST

To ensure the power supply is unaffected by electrical disturbances.

HIGHLY ACCELERATED LIFE TEST(HALT)

HALT tests rapidly find weaknesses using accelerated stress conditions, to ensure product reliability.



ENVIRONMENTAL TEST

Under -65°C ~ +150°C thermal and humidity intense test, maximize any usage condition in safe.

BURN-IN ROOM

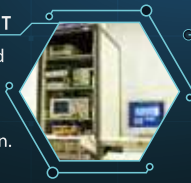
High temperature burn-in test to eliminate fail components, ensure components reliability.

ANECHOIC CHAMBER

Noise test to provide users a quiet and comfortable environment.

STRESS TEST

Thermal, voltage and current stress test, FSP PSU is adequate to strict condition.



INFRARED THERMAL CAMERA

For detecting heat and alarming overheat area to prevent fire and risks.

ATE TEST

Automation to perform measurement and evaluate efficiency, regulation, ripple and noise test result.

INITIALIZING...

MILESTONE & ACHIEVEMENT

- 2019 Launhed CMT710 case with dual system
- 2018 Launched CANNON 2000W for AI, GPU deep learning or blockchain technology build
- 2017 Launched the world's first liquid cooled ATX PSU- Hydro PTM+
- 2016 New RD Center was established in Taiwan
- 2015 Launched the first PS2 redundant power supply worldwide
- 2014 Launched portable energy storage system Emergy 1000
- 2013 Launched portable energy storage system Emergy 3000, universal notebook adapter Twinkle 65 and FSP first high-efficiency CRPS 2U redundant
- 2012 Three products won Taiwan Excellence awards
- 2011 Global Media highly recommends AURUM series, 80 plus® gold certified and the first PSU featured with FSP patterned MIA IC® launched
- 2010 Launched leading technology 8mm-height information power board
- 2009 Developed 1000w 80 plus® gold with LLC half-bridge topology. Launched the first 80 plus® platinum multiple outputs PSU worldwide
- 2008 Launched he first power bank product and invested UPS product line
- 2007 Developing LED, HID PSU and medical and industrial PSU RD ability
- 2006 Developed the first easy-installation mini redundant for Tower case
- 2005 Entered redundant power suppply market and launched the first 2+1 redundant PSU
- 2004 Successfully and innovatively applied the LLC topology to PC PSU
- 2003 Being the first providers to enter the area of information display power board
- 2002 Began the development of IPC power supply
- 2001 Started to develop wide range external power supply
- 2000 FSP headquarter was officially commenced in Taiwan
- 1999 Developed open frame product line and set up safety specification lab
- 1998 Global service center was set up for instant services
- 1997 Became Intel's "seeded partner"
- 1996 Began the development of IPC power supply
- 1995 Presented unprecedented ATX form factor PSU in Intel's global announcement
- 1993 Founded in 1993 and launched the first PS2 ATX PSU

LOADING....

Hydro PTM+
The World's Only Liquid Cooled ATX PSU
with 80 PLUS® Platinum Certified
RGB

HYDRO PTM+

1200W | 850W

- World's first platinum liquid cooled PSU
- Hybrid cooling system with 135mm silent fan & liquid cooling
- Build-in RGB lighting and controller
- With changeable side stickers for DIY enthusiasts and gamers
- Supports overclocking when water-cooling is installed

80 PLUS PLATINUM

IEC62368 READY
850W ONLY

12V
12V
3.3V
5V

JP

PSU

DAGGER PRO

650W | 550W

- MIA IC™(Multiple Intelligence Ability) chip set inside
- Semi-fanless design for silent operation
- Quiet and long-lasting 92mm ball bearing fan
- Ribbon cables for the need of enthusiasts
- Powerful single +12V rail design
- Full Japanese electrolytic capacitors

80 PLUS GOLD

PSU

FLEXGURU

300W | 250W

IEC62368 READY

MEET 85 PLUS
250W ONLY

+12V SINGLE

300W ONLY
80 PLUS GOLD

- Compliant with UL/EN/IEC 62368-1 and 60950 International safety standards
- Intelligent fan speed control
- Quiet and long-lasting 40mm ball bearing fan
- Ribbon cables for the need of enthusiasts
- Powerful single +12V rail design
- Main Japanese electrolytic capacitors

PSU

TWINS

900W | 700W | 500W

- ATX PS2 redundant size, no front end bracket needed, ideal for mail, web and home server
- Digital-controlled power supply design can be monitored by “FSP Guardian” software
- Hot swappable design. No worries for sudden power off as one of the modules malfunctioned
- Alarm guard design by smart power supply status LED indicator
- Flat ribbon cables, ideal for limited space application

80 PLUS GOLD

PSU

AURUM PT

1200W | 1000W | 850W

- Full modular design with flat cables
- 100% Japan-made electrolytic capacitors
- Powerful single +12V rail design
- SATA array cable, optimize airflow and no-hassle with case side panel
- E-Sync remote sensing provides better ripple/ noise performance
- Quiet and long-lasting 135mm FDB fan

80 PLUS PLATINUM

PSU

HYDRO PTM

750W | 650W | 550W

Dual CPU
750W/650W ONLY

JP

80 PLUS PLATINUM

- Full modular design with flat cables
- 100% Japan-made electrolytic capacitors
- Intelligent fan speed control circuit design
- Quiet and Long-Lasting 135mm FDB Fan
- With changeable side stickers for DIY enthusiasts and gamers

PSU

HYDRO PT

750W | 650W | 550W

Dual CPU

750W/650W ONLY

JP

80 PLUS PLATINUM

- 100% Japan-made electrolytic capacitors
- Intelligent fan speed control circuit design
- Quiet and long-lasting 135mm FDB fan
- Ribbon cables for the need of enthusiasts and gamers
- With changeable side stickers for DIY enthusiasts and gamers

PSU

HYDRO G PRO

1000W | 850W | 750W | 650W

- Intelligent fan speed control
- Quiet and long-lasting 120mm FDB fan
- Ribbon cables design for enthusiasts
- Powerful +12V single rail design
- Full Japanese electrolytic capacitors

80 PLUS GOLD

PSU

HYDRO G

850W | 750W | 650W

JP

80 PLUS GOLD

- Full modular design with flat cables
- 100% Japan-made electrolytic capacitors
- Intelligent fan speed control circuit design with 0dBA function
- Powerful single +12V rail design
- With changeable side stickers for DIY enthusiasts and gamers

PSU

HYDRO GE

650W | 550W | 450W

80 PLUS GOLD

- Full modular design with flat cables
- 100% Japan-made electrolytic capacitors
- Powerful single +12V rail design
- With changeable side stickers for DIY enthusiasts and gamers
- Quiet and long-lasting 135mm FDB fan

PSU

HYDRO GD

650W | 550W | 450W

- 100% Japan-made electrolytic capacitors
- Powerful single +12V rail design
- Advanced air-flow design in silent operation
- With changeable side stickers for DIY enthusiasts and gamers
- Quiet and long-lasting 120mm fan

80 PLUS GOLD

PSU

HYDRO GS

750W | 650W | 550W

80 PLUS GOLD

- 100% Japan-made electrolytic capacitors
- Powerful singel +12V rail design
- Quiet and long-lasting 120mm fan
- Ribbon cables design for enthusiasts
- Intelligent fan speed control circuit design with 0dBA function

PSU

HYDRO GSM

750W | 650W | 550W

- Semi-modular design with flat cables
- 100% Japan-made electrolytic capacitors
- Powerful singel +12V rail design
- Quiet and long-lasting 120mm fan
- Ribbon cables design for enthusiasts
- Intelligent fan speed control circuit design with 0dBA function

80 PLUS GOLD

PSU

HYDRO PRO

700W | 600W | 500W

- Efficiency ≧ 88% @ typical Load
- Active PFC ≧ 0.9
- Hold up time > 17ms @80% Load
- +12V single-rail design
- +5V &3.3V DC to DC module design
- 120mm silent & long life fan
- Complete protections ： OCP/OVP/OPP/SCP

80 PLUS BRONZE 230V EU

450V 105°C

PSU

HYPER 80+PRO

700W | 650W | 550W | 450W

- Efficiency ≧ 85% @ typical load
- Active PFC ≧ 0.9
- Hold up time > 17ms @80% load
- +12V single-rail design
- DC – DC module design for supreme efficiency and compatibility
- 120mm silent and long life fan
- All black round cables

80 PLUS 230V EU

PSU

HEXA 85+

650W | 550W | 450W | 350W

+12V SINGLE

12V 12V 3.3V 5V

JP

80 PLUS BRONZE

- DC – DC module design for supreme efficiency and compatibility
- 100% Japan-made electrolytic capacitors
- Powerful single +12V rail design
- Quiet and long-lasting 120mm fan
- Complete protection:OCP, OVP, SCP, OPP, OTP

PSU

HYPER K / S

700W | 600W | 500W

+12V SINGLE

2013 Erp/Eup

80 PLUS 230V EU

- Complies with newest ATX12V & EPS12V standards
- Efficiency ≧ 85%
- Meet ErP/EuP 2013 Standard
- Active PFC, power factor≧0.9
- Powerful single +12V rail design

PSU

CANNON

2000W

- Provides 18pcs PCI-e for high-load system
- 5V & 3.3V rail with DC to DC Design
- Intelligent fan control with 135mm fan
- Hold up time > 17ms @ full load
- Full modular design with all black round cable
- Standby voltage < 0.5W

80 PLUS GOLD 230V EU

PSU

SFX PRO

450W | 350W

- Compliance with the newest SFX12V V3.3
- Efficiency ≥ 85% at typical load
- Intelligent fan speed control
- 80Plus® bronze certified
- PS2 bracket for easy fitting into ATX case
- Black ribbon cables
- 80mm intelligent fan control

80 PLUS BRONZE

PSU

NB C SERIES

60W | 45W

USB TYPE-C

- Compatible with USB 3.1 PD device
- Compact design (one inch height) for space-saving
- Five different output voltage for flexible use
- Equipped with ground wire to ensure your safety
- High power density (6w/inch^3) to optimize the performance
- Supports full protections OCP, OVP, SCP, OPP, OTP

ADAPTER

NB SLIM SERIES

120W | 90W

- AC Input: 100-240V (Worldwide usage)
- Compatible with 18~20V input laptops
- High efficiency > 88%, power standby < 0.1W
- Thickness of 25.4mm is half thinner than regular adapter
- Compatible with most popular brands of notebooks
- Supports full protections OCP, OVP, SCP, OTP
- Conform to DOE VI, CEC efficiency standards
- Multiple safety approval

ADAPTER

NB H SERIES

110W | 65W

- Detachable cables design, Adapter and Hub 2 in 1
- Compatible with USB 3.0, 2.0, 1.1 hosts and devices
- Built-in USB 3.0 speedy ports with data transmission function (NB H110 with 3 USB ports, NB H65 with 2 USB ports)
- Changeable output tips for maximum compatibility
- Total output: 110W (95W for NB, 15W for USB 3.0 hub), 65W (55W for NB, 10W for USB 3.0 hub)

ADAPTER

NB PRO SERIES

90W | 65W | 45W

- Compatible with 18~20V input notebooks
- High efficiency > 87% with complete circuit protection
- Changeable output tips for maximum compatibility
- High quality input fuse protection and multiple safety approval

ADAPTER

PC CASE
CMT710

BEST CHOICE FOR YOUR HIGH-END PC BUILD

- Dual chambers for dual water cooling systems
- Anodized aluminum frame flanked by symmetrical wings for a perfect combination of dynamics and aesthetics
- Supports dual 360mm radiators to your preference
- Special cable shroud design for a tidy look
- Translucent tempered glass panels
- ARGB lighting effect control
- Supports type C connectors

CMT SERIES

710

Support 2 x 360mm radiator

RGB ADDRESSABLE

3.0 DUAL USB

PC CASE

CMT SERIES

520 PLUS

RGB ADDRESSABLE

3.0 DUAL USB

Front / Top

Support 2 x 360mm radiator

- Tempered glass in the fron and side panel
- 7 fan mounts support, and pre-installed 4 RGB fans in the front and rear for optimal cooling potential
- ARGB lighting effect control
- Supports 2 x 360mm radiator
- Built-in 2 x USB 3.0 and 2 x USB 2.0 for high speed transfer

msi RGB MYSTIC LIGHT SYNC

ASRock POLYCHROME SYNC

GIGABYTE RGB FUSION

ASUS AURA SYNC

PC CASE

CMT SERIES

510 PLUS

RGB ADDRESSABLE

3.0 DUAL USB

Front / Top

Support 1 x 360mm radiator

- Mid-Tower size with galaxy black appearance
- Three translucent tempered glass panels
- Build-in 4 x Blue 12-LED fans
- 7 x PCI-E expansion slots, 2 x 3.5" HDD and 4 x 2.5" SSD bays
- Built-in 2 x USB 3.0 ports
- Supports 360mm water radiator
- Supports high-end graphics cards max. to 400mm length, and CPU cooler to 165mm height

msi RGB MYSTIC LIGHT SYNC

ASRock POLYCHROME SYNC

GIGABYTE RGB FUSION

ASUS AURA SYNC

PC CASE

CMT SERIES

350

- Tempered glass panel showcases your custom rig
- Front panel with the addressable RGB light bar
- Built-in 1 x Addressable RGB 12cm LED fans
- Supports RGB Sync for most motherboards
- Compact, streamlined cooling design to optimize the airflow efficiency
- Built-in 2 x USB 3.0 ports for high-speed data transfer

PC CASE

CMT SERIES

340

- Two tempered glass panels (1x front, 1 x side)
- Four preinstalled addressable RGB (ARGB) fans (3 x front, 1 x rear)
- Supports RGB Sync for most motherboards
- Compact design with the stunning good looks
- Built-in 2 x USB3.0 for high-speed data transfer

PC CASE

CST SERIES

310

- Mirco ATX tower size with galaxy black appearance
- Translucent tempered glass panels
- Supports RGB Sync for most motherboards
- 4 x PCI-E expansion slots, 2 x 3.5"HDD and 3 x 2.5" SSD bays
- Built-in 2 x USB 3.0 ports, 2 x USB 2.0 ports.
- Support 240mm water radiator
- Supports high-end graphics cards max. to 375mm length, and CPU cooler to 163mm height.

PC CASE

CHAMP SERIES

10KVA | 6KVA | 3KVA | 2KVA | 1KVA

- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (110V – 300V)
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

UPS

IFP SERIES

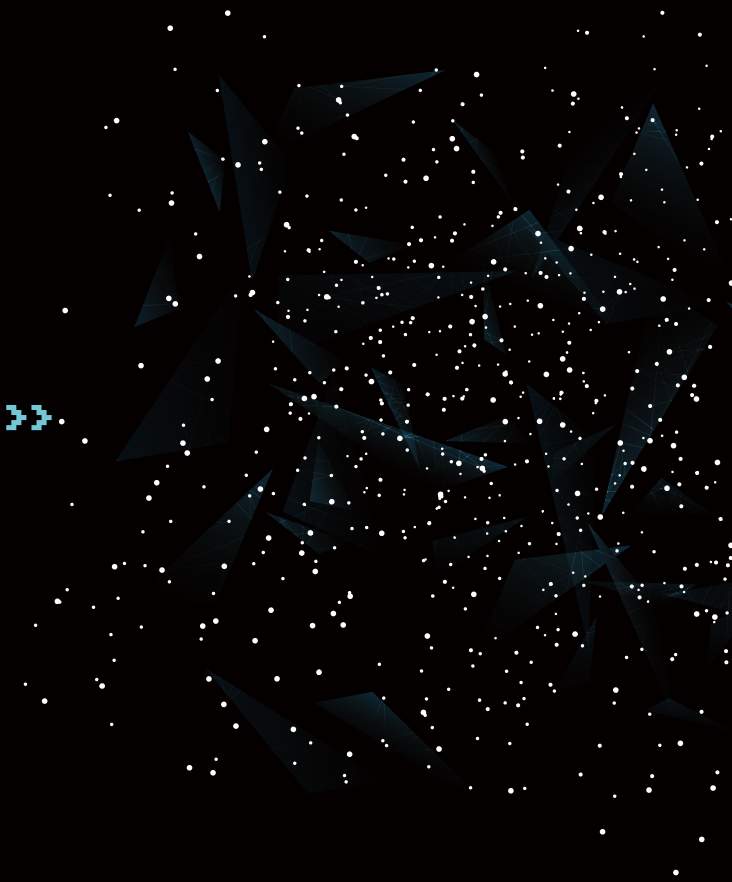
2KVA | 1.5KVA | 1KVA | 800VA | 600VA

C13/C14 type (IEC) | E & F type (Schuko) | Universal type | B type

- Touch LCD Display Panel
- USB communication port
- RJ11/RJ45 connector that provides surge protection
- Multinational power sockets (Europe, U.S., India, China, as well as IDC-dedicated and multinational universal sockets)
- Off-mode charging
- Cold start function

UPS

It's time for your show >>.
Take it away! _



POWER
NEVER ENDS

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