Portable Energy Storage System
EMERGY 3K+

Feature:

- AC & PV dual inputs
- High-power charger (600W) and inverter (1.5kVA)
- High conversion efficiency (>90%)
- 4.3" LCD touch panel
- Selectable operating mode (on-line or stand-by)
- Selectable ac output frequency (50Hz/60Hz)
- Selectable ac output voltage (100V/120V)
- System status (including battery) monitoring
- Individual on/off control for AC and DC out
- AC and DC output status LED Indicators
- Cascade operations
- IPx3 design

Introduction:

EMERGY 3K+ Series are All-in-One System that integrate Li-Ion Battery System, Battery Management System, AC charger, Photovoltaic (PV) charger, DC to AC inverter & System Control, and can be used as a battery back-up power system, portable electricity for factory, medical and outdoor and so on.
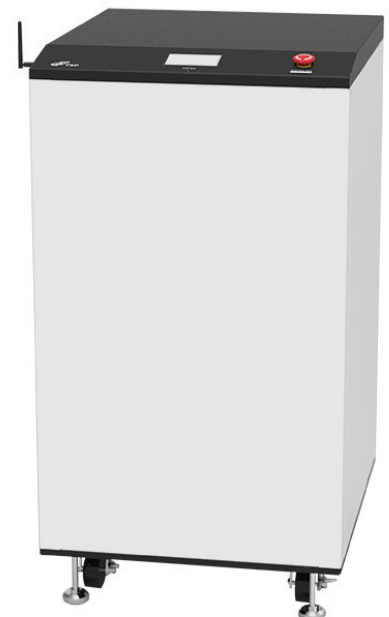
Home/ Industrial Energy Storage System
ION MATE

Feature:

- Safety low voltage (48V) battery system
- Support both grid (up to 2.4kW) and PV (up to 3.6kW) inputs
- Two independent AC outputs (rated at 2.3kVA)
- Flexible configuration & easy expansion (19" rack system chassis)
- Programmable timer for charging and discharging (via LCD touch control)
- Programmable backup energy levels (via LCD touch control)
- Support stand-alone, non-grid-tie systems

Introduction:

ION MATE series are All-in-One Energy Storage Systems that integrate high-quality, long-life Lithium Iron-Phosphate Batteries, Battery Management Systems (BMS), AC Chargers, Photovoltaic (PV) Chargers, DC- AC inverters and System Control, with wireless monitoring, into a self-contained, self-managed unit to effectively utilize solar energies and AC grid power while providing back-up capability.

CRPS Power Solutions for
AIoT Application

Feature:

- IEC 62368 & 60950 Ready
- 550W / 800W / 1200W / 1300W / 1600W / 2000W available soon
- Module dimension: 185 * 73 * 39 mm
- 1+1 Set dimension: 250 * 76 * 84 mm
- Output wires: fix or modular
- Temp. 0~55℃
- iTHD less than 10
- 550W - 2400W 80PLUS Platinum certified; 2000W 80PLUS Titanium certified
- Provides several AC/DC input voltage selections : 90~264Vac, -48Vdc, 240Vdc, 277Vdc and 336Vdc
- Allows customization and timely firmware be updated
- Supports clockwise and counter-clockwise fan rotation demands (front end or back end installation)
- Supports standard CRPS gold finger signal output
- Supports cold redundancy and SMART, saving more power for the system
- Hot Swap N+1 design
- Operating altitude complies with 3C 5Km certification
- Achieved the latest safety and EMC standards

Application:
- Storage Server
- AI Server
- GPU Server
- IPC Controller
- Telecom Server

Description:

FSP CRPS products are industrial level of switching power supplies. Uses unique active PFC (Power Factor Correction) circuit design with its high-load electrical components, makes it to be perfectly used in an industrial environment. In addition, with its full range of input and output electrical features, the power supply is ideally the best choice for server, workstation, communication or any other automation applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

New Data Center

DC 336V input				
550W	**800W**	**1200W**	**1300W**	**1600W**
FSP550-20FH	FSP800-20FH	FSP1200-20FH	FSP1300-20FH	FSP1600-20FH

Data Center

AC input						
550W 80 PLUS	**800W** 80 PLUS	**1200W** 80 PLUS	**1300W** 80 PLUS	**1600W** 80 PLUS	**2000W** 80 PLUS TITANIUM	**2400W** 80 PLUS
FSP550-20FM	FSP800-20FM	FSP1200-20FM	FSP1300-20FM	FSP1600-20FM	FSP2000-20HM	FSP2400-20FM
FSP550-29FM	FSP800-29FM	FSP1200-29FM	FSP1300-29FM			

Telecom

*Plan

DC -48V input			AC input & NEBS				
550W	**800W**	**1300W***	**550W** 80 PLUS	**800W** 80 PLUS	**1200W** 80 PLUS	**1300W** 80 PLUS	**1600W** 80 PLUS
FSP550-20FL	FSP800-20FL	FSP1300-20FL	FSP550-20FN	FSP800-20FN	FSP1200-20FN	FSP1300-20FN	FSP1600-20FN
FSP550-29FL	FSP800-29FL						

Safety: CE FC CAN ICES-3(B)/NMB-3(B) TÜVRheinland ZERTIFIZIERT c UL US CCC S&E

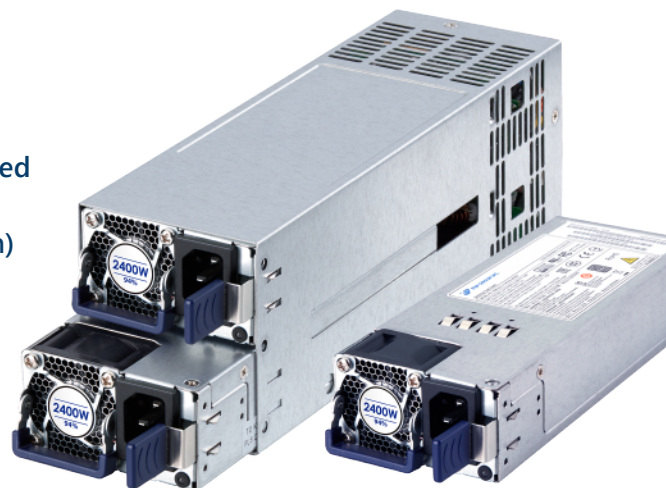# FSP launches new 2400W power supply to address bottlenecks in high-energy computing

Feature:

- IEC 62368 & 60950 Ready
- 80 Plus Platinum efficiency certified
- Meet CRPS Standard
- Come with PMBus 1.2 feature
- Support 240V high voltage DC(HVDC) input
- Dual output 12V/ 12VSB
- Supports cold redundancy and SMART, saving more power for the system
- Module dimension: 185 * 73.5 * 40 mm
- 1+1 Set dimension: 210 * 76 * 84 mm
- Working temperature: 0 to 50°C
- iTHD less than 10
- Allows customization and timely firmware be updated
- Supports clockwise and counter-clockwise fan rotation demands(front end or back end installation)
- Output wires: fix or modular
- Supports standard CRPS gold finger signal output
- Hot Swap N+1 design
- Operating altitude complies with 3C 5Km certification
- 550W / 800W / 1200W / 1300W / 1600W / 2000W / 2400W available

Application:

- Data Center
- Storage Server
- AI Server
- GPU Server
- IPC Controller
- Telecom Server

Description:

FSP2400-20FM is a redundant power supply module base on CRPS standard. The power supply comes to offer the total power capacity up to 2400 Watts, and provides PMBus features, which makes it be able to communicate with motherboard. In addition, the power supply is ideally the best choice for datacenter, workstation, communication or any other automation applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

Safety: CE FC CAN ICES-3(B) / NMB-3(B) TÜVRheinland ZERTIFIZIERT Bauart geprüft Sicherheit Regelmäßige Produktionsüberwachung www.zuv.com ID 2000000000 c RU R US CCC S&E

Ultra-High power density
CRPS

FSP 1600W CRPS module power density reached 47.6 W/inch3, significantly higher than other similar products in the market.

- 550W / 600W / 700W / 800W / 1200W / 1600W available
- Allows timely firmware updates and customization requirements
- Achieved the shortest size (Length:185mm) of the CRPS standard
- 80PLUS Platinum Certified
- Achieved the latest safety and EMC standards

Feature:

- Supports clockwise and counter-clockwise fan rotation demands
- Supports simultaneous operation of a maximum of 4 PSUs using parallel connection
- Supports standard CRPS gold finger signal output
- Provides several AC/DC input voltage selections (48V, 270V & 336V)
- Supports cold redundancy and SMART, saving more power for the system
- Hot Swap N+1 design
- Operating altitude complies with 3C 5Km certification
- OTP / OVP / OCP / SCP circuit protection

80 PLUS PLATINUM

PMBus

FSP

Application:

Support big data operations and automated applications, such as cloud, network communication, storage, enterprise servers and workstations etc.

Description:

FSP 2U CRPS ERS series is an industrial level of switching power supply. Uses unique active PFC (Power Factor Correction) circuit design with its high-load electrical components, makes it to be perfectly used in an industrial environment. In addition, with its full range of input and output electrical features, the power supply is ideally the best choice for server, workstation, communication or any other automation applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

Safety: CE FC CAN ICES-3(B) / NMB-3(B) TÜVRheinland ZERTIFIZIERT Bauart geprüft Sicherheit Regelmäßige Produktions-überwachung www.zuv.com ID 2000000000 C UL R US CCC S&E

FSP Group   FSP LinkedIn

FSP TECHNOLOGY INC. (Headquarters)
NO.22,Jianguo E. Rd., Taoyuan Dist., Taoyuan City 330, Taiwan
TEL：+886-3-375-9888 / FAX：+886-3-375-6966 sales@fsp-group.com.tw / www.fsp-group.com