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Redundant

Flex

PS2 Redundant

**POWER**  
NEVER ENDS



# About FSP

FSP Group is the leading power supply manufacturer in the world.

Since established in 1993, the company has been committed to its R&D capability, production capacity and product quality to stand out from the competitive market.

FSP Group provides a great variety of products related to power and electronics technology, such as adapter, open frame, LED Lighting, Medical, LCD TV, Industrial / Desktop computers and Servers to fulfil our OEM / ODM customers' needs. And FSP Group is now making more efforts to develop better environment friendly products, including PV Inverter, UPS and ESS products.

FSP Group's global presence in Taiwan, Brazil, China, Germany, Sweden, France, India, Japan, Korea, Russia, Turkey, UK, and USA has made it easier to provide immediate support. As FSP Group is aiming to create a win-win situation, we treat our customers as friends by providing customized products and excellent service.

For FSP Group, making **Power never ends** will be our sustainable goal.

## Our vision:

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

## Our mission:

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

## ATX Specifications

| Model No.         | Watts | Dimension<br>L x W x H<br>(mm) | 80 Plus<br>Efficiency<br>Level | Output Voltage<br>(Output Current: Min ~ Max (A))<br>PEAK (A) |        |           |        |      |      |      |      |       |                 |       |        |
|-------------------|-------|--------------------------------|--------------------------------|---------------------------------------------------------------|--------|-----------|--------|------|------|------|------|-------|-----------------|-------|--------|
|                   |       |                                |                                | 3.3V                                                          | 5V     | 12V1      | 12V2   | 12V3 | 12V4 | 12V5 | 12V6 | -12   | 5Vsb            | -5V   | 24V    |
|                   |       |                                |                                | 0-19                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 |        |
| FSP300-70PFL(SK)  | 300W  | 140*150*86                     | Bronze                         | 0-19                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 |        |
| FSP300-70AGGBM    | 300W  | 140*150*86                     | Gold                           | 0-19                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3<br>Peak 3.5 | 0-0.1 |        |
| FSP300-70AGGBM(M) | 300W  | 140*150*86                     | Gold                           | 0-19                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3<br>Peak 3.5 | 0-0.1 |        |
| FSP350-70PFL(SK)  | 350W  | 140*150*86                     | Bronze                         | 0-21                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 |        |
| FSP400-70PFL(SK)  | 400W  | 140*150*86                     | Bronze                         | 0-21                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 |        |
| FSP400-72PFL(SK)  | 400W  | 140*150*86                     | Bronze                         | 0-21                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 |        |
| FSP400-80AAB      | 400W  | 140*150*86                     | Bronze                         | 0-16                                                          | 0-16   | 0-18      | 0-18   |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 | 0.05-8 |
| FSP400-70AGGBM    | 400W  | 140*150*86                     | Gold                           | 0-21                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3<br>Peak 3.5 | 0-0.1 |        |
| FSP400-70AGGBM(M) | 400W  | 140*150*86                     | Gold                           | 0-21                                                          | 0.2-16 | 0.05-17   | 0-17   |      |      |      |      | 0-0.5 | 0-3<br>Peak 3.5 | 0-0.1 |        |
| FSP400-70ACB      | 400W  | 140*150*86                     | Platinum                       | 0.1-16                                                        | 0.1-16 | 0.1-18    | 0.1-18 |      |      |      |      | 0-0.3 | 0-3             | 0-0.1 |        |
| FSP460-70PFL(SK)  | 460W  | 140*150*86                     | Bronze                         | 0-22                                                          | 0.2-16 | 0.05-18   | 0-18   |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 |        |
| FSP500-70PFL(SK)  | 500W  | 140*150*86                     | Bronze                         | 0-22                                                          | 0.2-16 | 0.05-18   | 0-18   |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 |        |
| FSP500-80AAB      | 500W  | 140*150*86                     | Bronze                         | 0.1-18                                                        | 0.1-18 | 0.5-18    | 0.5-18 |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 | 0-8    |
| FSP500-80AGGBM    | 500W  | 140*150*86                     | Gold                           | 0-21                                                          | 0.2-20 | 0.05-16   | 0-16   | 0-16 |      |      |      | 0-0.5 | 0-3<br>Peak 3.5 | 0-0.3 |        |
| FSP500-80AGGBM(M) | 500W  | 140*150*86                     | Gold                           | 0-21                                                          | 0.2-20 | 0.05-16   | 0-16   | 0-16 |      |      |      | 0-0.5 | 0-3<br>Peak 3.5 | 0-0.3 |        |
| FSP500-70ACB      | 500W  | 140*150*86                     | Platinum                       | 0.3-24                                                        | 0.3-20 | 0.3-18    | 0.3-18 |      |      |      |      | 0-0.5 | 0-3             | 0-0.2 |        |
| FSP600-80AAB      | 600W  | 140*150*86                     | Bronze                         | 0.5-20                                                        | 0.5-20 | 0.5-18    | 0.5-18 |      |      |      |      | 0-0.5 | 0-3             | 0-0.1 | 0-8    |
| FSP600-80PSA(SK)  | 600W  | 140*150*86                     | Bronze                         | 0-25                                                          | 0.2-25 | 0.05-16   | 0-16   | 0-16 | 0-16 |      |      | 0-0.5 | 0-4             | 0-0.5 |        |
| FSP700-80PSA(SK)  | 700W  | 140*150*86                     | Bronze                         | 0-24                                                          | 0.2-30 | 0.05-16   | 0-16   | 0-16 | 0-16 |      |      | 0-0.5 | 0-4             | 0-0.5 |        |
| FSP850-50ADB      | 850W  | 190*150*86                     | Gold                           | 0-25                                                          | 0.1-25 | 0.2-70    |        |      |      |      |      | 0-0.5 | 0-3.5           |       |        |
| FSP1000-50ADB     | 1000W | 190*150*86                     | Gold                           | 0-30                                                          | 0.1-30 | 0.2-83    |        |      |      |      |      | 0-0.8 | 0-4             |       |        |
| FSP1200-50ADB     | 1200W | 190*150*86                     | Gold                           | 0-30                                                          | 0.1-30 | 0.2-100   |        |      |      |      |      | 0-0.8 | 0-4             |       |        |
| FSP2000-52AGPBI   | 2000W | 200*150*86                     | Platinum                       | 0-25                                                          | 0.1-25 | 0.1-166.6 |        |      |      |      |      | 0-0.5 | 0-4             |       |        |

# FLEX Specifications

| Model No.            | Watts | Dimension<br>L x W x H<br>(mm) | 80 Plus<br>Efficiency<br>Level | PMBus | Output Voltage<br>(Output Current: Min ~ Max (A))<br>PEAK (A) |        |                      |       |       |     |          |
|----------------------|-------|--------------------------------|--------------------------------|-------|---------------------------------------------------------------|--------|----------------------|-------|-------|-----|----------|
|                      |       |                                |                                |       | 3.3V                                                          | 5V     | 12V1                 | -12V  | 5Vsb  | 24V | 53V      |
| FSP100-50FAB         | 100W  | 150*81.5*40.5                  |                                |       | 0-6                                                           | 0.3-8  | 0.03-4               | 0-0.3 | 0-2   |     |          |
| FSP150-50FGNBI       | 150W  | 150*81.5*40.5                  |                                |       | 0-8                                                           | 0.2-12 | 0.05-10              | 0-0.3 | 0-2   |     |          |
| FSP150-50FEB         | 150W  | 150*81.5*40.5                  |                                |       | 0-8                                                           | 0-12   | 0-10                 | 0-0.3 | 0-2   |     |          |
| FSP180-50FGNBI       | 180W  | 150*81.5*40.5                  |                                |       | 0-8                                                           | 0.2-12 | 0.05-12              | 0-0.3 | 0-2   |     |          |
| FSP180-50FEB         | 180W  | 150*81.5*40.5                  |                                |       | 0-8                                                           | 0-12   | 0-12                 | 0-0.3 | 0-2   |     |          |
| FSP220-50FGGBI       | 220W  | 150*81.5*40.5                  | Bronze                         |       | 0-8                                                           | 0.2-12 | 0.05-14              | 0-0.3 | 0-2.5 |     |          |
| FSP220-50FEB         | 220W  | 150*81.5*40.5                  | Bronze                         |       | 0-8                                                           | 0-12   | 0-14                 | 0-0.3 | 0-2.5 |     |          |
| FSP220-20FGBBD       | 220W  | 150*81.5*40.5                  | Bronze                         |       |                                                               |        | 0-6                  |       |       |     | 0-2.8    |
| FSP250-50FEB         | 250W  | 150*81.5*40.5                  | Bronze                         |       | 0-12                                                          | 0-14   | 0.05-18              | 0-0.3 | 0-2.5 |     |          |
| FSP250-50FGGBI       | 250W  | 150*81.5*40.5                  | Bronze                         |       | 0-12                                                          | 0.2-14 | 0-18                 | 0-0.3 | 0-2.5 |     |          |
| FSP280-20FMB         | 280W  |                                |                                |       |                                                               |        | 0-10                 |       |       |     | 0-4      |
| FSP300-50FFB         | 300W  | 150*81.5*40.5                  | Bronze                         |       | 0-12                                                          | 0-14   | 0-24                 | 0-0.3 | 0-2.5 |     |          |
| FSP300-50FCB         | 300W  | 150*81.5*40.5                  | Gold                           |       | 0-12                                                          | 0-14   | 0.1-25               | 0-0.3 | 0-3   |     |          |
| FSP300-57FCB         | 300W  | 150*81.5*40.5                  | Gold                           |       | 0-12                                                          | 0-14   | 0.1-25               | 0-0.3 | 0-3   |     |          |
| FSP300-30FQB         | 300W  | 150*81.5*40.5                  |                                |       |                                                               | 0-3    | 0-25                 |       |       | 0-6 |          |
| FSP350-50FFB         | 350W  | 150*81.5*40.5                  | Bronze                         |       | 0-12                                                          | 0-14   | 0-29                 | 0-0.3 | 0-2.5 |     |          |
| FSP350-50FCB         | 350W  | 150*81.5*40.5                  | Gold                           |       | 0-12                                                          | 0-14   | 0.1-15               | 0-0.3 | 0-3   |     |          |
| FSP350-57FCB         | 350W  | 150*81.5*40.5                  | Gold                           |       | 0-12                                                          | 0-14   | 0.1-15               | 0-0.3 | 0-3   |     |          |
| FSP400-50FDB         | 400w  | 150*81.5*40.5                  | Gold                           |       | 0-14                                                          | 0-16   | 0.05-33              | 0-0.3 | 0-3   |     |          |
| FSP500-50FDB         | 500w  | 150*81.5*40.5                  | Gold                           |       | 0-14                                                          | 0-16   | 0.05-41              | 0-0.3 | 0-3   |     |          |
| FSP350-20FGBHP (PoE) | 350W  | 150*81.5*40.9                  | Bronze                         |       |                                                               |        | 0.2-4.17<br>Peak 6.5 |       |       |     | 0.5-5.67 |
| FSP420-20FGSHP (PoE) | 420W  | 150*81.5*40.9                  | Silver                         |       |                                                               |        | 0.2-4.17<br>Peak 6.5 |       |       |     | 0.5-6.98 |
| FSP460-21FGBHP (PoE) | 460W  | 150*81.5*40.5                  | Bronze                         |       |                                                               |        | 0.2-10               |       |       |     | 0.5-7.8  |
| FSP850-50FGPH3       | 850W  | 220*81.5*40.5                  | Platinum                       | V1.2  | 0-20                                                          | 0-20   | 0-70.8               | 0-0.5 | 0-3   |     |          |

## 1U Specifications

| Model No.      | Watts | Dimension<br>L x W x H (mm) | 80 Plus<br>Efficiency<br>Level | PMBus | Output Voltage<br>(Output Current: Min ~ Max (A))<br>PEAK (A) |        |          |      |      |      |          |       |       |     |
|----------------|-------|-----------------------------|--------------------------------|-------|---------------------------------------------------------------|--------|----------|------|------|------|----------|-------|-------|-----|
|                |       |                             |                                |       | 3.3V                                                          | 5V     | 12V1     | 12V2 | 12V3 | 12V4 | -12      | 5Vsb  | -5V   | 24V |
|                |       |                             |                                |       |                                                               |        |          |      |      |      |          |       |       |     |
| FSP300-50UCB   | 300W  | 190*100*40.5                | Bronze                         |       | 0-12                                                          | 0-14   | 0.05-25  |      |      |      | 0-0.3    | 0-3   | 0-0.1 |     |
| FSP300-50UDB   | 300W  | 190*100*40.5                | Gold                           |       | 0-14                                                          | 0-14   | 0.05-25  |      |      |      | 0-0.3    | 0-3   | 0-0.1 |     |
| FSP400-50UCB   | 400W  | 190*100*40.5                | Bronze                         |       | 0-14                                                          | 0-16   | 0.05-33  |      |      |      | 0-0.3    | 0-3   | 0-0.1 |     |
| FSP400-50UDB   | 400W  | 190*100*40.5                | Gold                           |       | 0-16                                                          | 0-16   | 0.05-33  |      |      |      | 0-0.5    | 0-3   |       |     |
| ※ FSP400-70UAB | 400W  | 220*100*40.5                | Platinum                       | V1.2  | 0-16                                                          | 0-18   | 0-16     | 0-16 | 0-16 |      | 0-0.5    | 0-3   |       |     |
| FSP500-50UCB   | 500W  | 190*100*40.5                | Bronze                         |       | 0-14                                                          | 0-16   | 0.05-41  |      |      |      | 0-0.3    | 0-3   | 0-0.1 |     |
| FSP500-50UDB   | 500W  | 190*100*40.5                | Gold                           |       | 0-14                                                          | 0-16   | 0.05-41  |      |      |      | 0-0.5    | 0-3   | 0-0.1 |     |
| FSP600-50UEB   | 500W  | 220*100*40.5                | Bronze                         |       | 0.5-25                                                        | 0.5-25 | 0.5-50   |      |      |      | 0.05-0.5 | 0.1-4 |       |     |
| FSP700-50UEB   | 600W  | 220*100*40.5                | Bronze                         |       | 0.5-25                                                        | 0.5-25 | 0.5-58   |      |      |      | 0.05-0.5 | 0.1-4 |       |     |
| FSP800-50UEB   | 700W  | 220*100*40.5                | Bronze                         |       | 0.5-25                                                        | 0.5-25 | 0.5-66.5 |      |      |      | 0.05-0.5 | 0.1-4 |       |     |
| ※ FSP500-70UAB | 500W  | 220*100*40.5                | Platinum                       | V1.2  | 0-20                                                          | 0-20   | 0-16     | 0-16 | 0-16 |      | 0-0.5    | 0-3   |       |     |
| ※ FSP600-80UBB | 600W  | 240*100*40.5                | Platinum                       | V1.2  | 0-25                                                          | 0-25   | 0-16     | 0-16 | 0-16 | 0-16 | 0-0.5    | 0-4   |       |     |
| ※ FSP700-80UBB | 700W  | 240*100*40.5                | Platinum                       | V1.2  | 0-25                                                          | 0-30   | 0-16     | 0-16 | 0-16 | 0-16 | 0-0.5    | 0-4   |       |     |

※: Coming soon

## 2U Specifications

| Model No.    | Watts | Dimension<br>L x W x H (mm) | 80 Plus<br>Efficiency<br>Level | PMBus | Output Voltage<br>(Output Current: Min ~ Max (A))<br>PEAK (A) |        |          |      |      |      |     |          |       |       |
|--------------|-------|-----------------------------|--------------------------------|-------|---------------------------------------------------------------|--------|----------|------|------|------|-----|----------|-------|-------|
|              |       |                             |                                |       | 3.3V                                                          | 5V     | 12V1     | 12V2 | 12V3 | 12V4 | -12 | 5Vsb     | -5V   | 24V   |
|              |       |                             |                                |       |                                                               |        |          |      |      |      |     |          |       |       |
| FSP300-50WCB | 300W  | 200*100*70                  | Bronze                         |       | 0-12                                                          | 0-14   | 0.05-25  |      |      |      |     | 0-0.3    | 0-3   | 0-0.1 |
| FSP400-50WCB | 400W  | 200*100*70                  | Bronze                         |       | 0-14                                                          | 0-16   | 0.05-33  |      |      |      |     | 0-0.3    | 0-3   | 0-0.1 |
| FSP400-50WDB | 400W  | 200*100*70                  | Gold                           |       | 0-14                                                          | 0-16   | 0.05-33  |      |      |      |     | 0-0.5    | 0-3   | 0-0.1 |
| FSP500-50WCB | 500W  | 200*100*70                  | Bronze                         |       | 0-14                                                          | 0-16   | 0.05-41  |      |      |      |     | 0-0.3    | 0-3   | 0-0.1 |
| FSP500-50WDB | 500W  | 200*100*70                  | Gold                           |       | 0-14                                                          | 0-16   | 0.05-41  |      |      |      |     | 0-0.3    | 0-3.5 |       |
| FSP600-50WEB | 600W  | 240*100*70                  | Bronze                         |       | 0.5-25                                                        | 0.5-25 | 0.5-50   |      |      |      |     | 0.05-0.5 | 0.1-4 |       |
| FSP700-50WEB | 700W  | 240*100*70                  | Bronze                         |       | 0.5-25                                                        | 0.5-25 | 0.5-58   |      |      |      |     | 0.05-0.5 | 0.1-4 |       |
| FSP800-50WEB | 800W  | 240*100*70                  | Bronze                         |       | 0.5-25                                                        | 0.5-25 | 0.5-66.5 |      |      |      |     | 0.05-0.5 | 0.1-4 |       |

# Redundant specifications

| Model No.       | Watts | Dimension<br>L x W x H<br>(mm) | 80 Plus<br>Efficiency<br>Level | PMBus | Output Voltage<br>[Output Current: Min ~ Max (A)]<br>PEAK (A) |      |      |           |        |      |     |       |     |       |      |
|-----------------|-------|--------------------------------|--------------------------------|-------|---------------------------------------------------------------|------|------|-----------|--------|------|-----|-------|-----|-------|------|
|                 |       |                                |                                |       | 3.3V                                                          | 5V   | 12V1 | 12V2      | 12V3   | 12V4 | -12 | 5Vsb  | -5V | 24V   | 3.3V |
| FSP250-60RCB    | 250W  | 260*106*41.3                   | Gold (Module Level)            |       | 0-19                                                          | 0-19 | 0-17 | 0.5-14    | 0.5-14 |      |     | 0-0.5 | 0-2 |       |      |
| FSP300-60RCB    | 300W  | 260*106*41.3                   | Gold (Module Level)            |       | 0-20                                                          | 0-20 | 0-20 | 0.5-14    | 0.5-14 |      |     | 0-0.5 | 0-2 |       |      |
| FSP400-50RDB    | 400W  | 260*106*41.3                   | Gold (Module Level)            |       | 0-20                                                          | 0-20 | 0-20 | 0.1-33.34 |        |      |     | 0-0.5 | 0-2 |       |      |
| FSP500-50RDB    | 500W  | 260*106*41.3                   | Gold (Module Level)            |       | 0-20                                                          | 0-20 | 0-20 | 0.1-41.67 |        |      |     | 0-0.5 | 0-2 |       |      |
| FSP350-60MRB(S) | 350W  | 190*150*84                     | Gold (Module Level)            | V1.2  | 0-20                                                          | 0-20 | 0-20 | 1-29      |        |      |     | 0-0.5 | 0-2 | 0-0.3 |      |
| FSP400-50RAB    | 400W  | 190*150*86                     | Gold (Module Level)            | V1.2  | 0-20                                                          | 0-20 | 0-20 | 1-33.34   |        |      |     | 0-0.5 | 0-3 |       |      |
| FSP500-60MRB(S) | 500W  | 190*150*84                     | Gold (Module Level)            | V1.2  | 0-20                                                          | 0-20 | 0-20 | 1-40      |        |      |     | 0-0.5 | 0-3 | 0-0.3 |      |
| FSP500-50RAB    | 500W  | 190*150*86                     | Gold (Module Level)            | V1.2  | 0-20                                                          | 0-20 | 0-20 | 1-41.67   |        |      |     | 0-0.5 | 0-3 |       |      |
| FSP600-60MRB(S) | 600W  | 190*150*84                     | Gold (Module Level)            | V1.2  | 0-20                                                          | 0-20 | 0-20 | 1-49      |        |      |     | 0-0.5 | 0-3 | 0-0.3 |      |
| FSP600-50RAB    | 600W  | 190*150*86                     | Gold (Module Level)            | V1.2  | 0-20                                                          | 0-20 | 0-20 | 1-50      |        |      |     | 0-0.5 | 0-3 |       |      |
| FSP700-50RAB    | 700W  | 190*150*86                     | Gold (Module Level)            | V1.2  | 0-20                                                          | 0-20 | 0-20 | 1-58.3    |        |      |     | 0-0.5 | 0-3 |       |      |
| FSP900-50REB    | 900W  | 190*150*86                     | Gold (Module Level)            | V1.2  | 0-20                                                          | 0-20 | 0-20 | 1-75      |        |      |     | 0-0.5 | 0-3 |       |      |

# 1U Slim Module specifications

| Model No.    | Watts | Dimension<br>L x W x H<br>(mm) | 80 Plus<br>Efficiency<br>Level | PMBus | Output Voltage<br>[Output Current: Min ~Max (A)]<br>PEAK (A) |    |        |      |      |      |     |      |     |     |
|--------------|-------|--------------------------------|--------------------------------|-------|--------------------------------------------------------------|----|--------|------|------|------|-----|------|-----|-----|
|              |       |                                |                                |       | 3.3V                                                         | 5V | 12V1   | 12V2 | 12V3 | 12V4 | -12 | 5Vsb | -5V | 24V |
| FSP270-20RCB | 270W  | 223*50.5*40                    | Gold                           |       |                                                              |    | 1-22   |      |      |      |     | 0-2  |     |     |
| FSP320-20RCB | 320W  | 223*50.5*40                    | Gold                           |       |                                                              |    | 1-26   |      |      |      |     | 0-2  |     |     |
| FSP420-20RDB | 420W  | 223*50.5*40                    | Gold                           |       |                                                              |    | 1-35   |      |      |      |     | 0-2  |     |     |
| FSP520-20RDB | 520W  | 223*50.5*40                    | Gold                           |       |                                                              |    | 1-43.3 |      |      |      |     | 0-2  |     |     |

# CRPS Specifications

| Model No.    | Input            | Watts | Dimension<br>L x W x H (mm) | 80 Plus<br>Efficiency<br>Level | FAN<br>Reversed | NEBS<br>Support | PMBus | Output Voltage<br>[Output Current: Min ~ Max (A)]<br>PEAK (A) |    |       |      |      |      |       |
|--------------|------------------|-------|-----------------------------|--------------------------------|-----------------|-----------------|-------|---------------------------------------------------------------|----|-------|------|------|------|-------|
|              |                  |       |                             |                                |                 |                 |       | 3.3V                                                          | 5V | 12V   | 54V  | .12V | 5Vsb | 12Vsb |
| FSP550-20FM  | AC / HVDC        | 550W  | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 44    |      |      |      | 2.1   |
| FSP550-29FM  | AC / HVDC        | 550W  | 185*73.5*40                 | Platinum                       | v               |                 | V1.2  |                                                               |    | 44    |      |      |      | 2.1   |
| FSP550-20FL  | -48VDC           | 550W  | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 44    |      |      |      | 2.1   |
| FSP550-29FL  | -48VDC           | 550W  | 185*73.5*40                 | Platinum                       | v               |                 | V1.2  |                                                               |    | 44    |      |      |      | 2.1   |
| FSP550-20FH  | 336VDC or 277VAC | 550W  | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 44    |      |      |      | 2.1   |
| FSP550-20FN  | AC / HVDC        | 550W  | 185*73.5*40                 | Platinum                       |                 | v               | V1.2  |                                                               |    | 44    |      |      |      | 2.1   |
| FSP550-50FS  | AC / HVDC        | 550W  | 250*76*83.8                 | Platinum                       |                 |                 | V1.2  | 20                                                            | 20 | 44    |      | 0.3  | 4    |       |
| FSP800-20FM  | AC / HVDC        | 800W  | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 65    |      |      |      | 2.1   |
| FSP800-29FM  | AC / HVDC        | 800W  | 185*73.5*40                 | Platinum                       | v               |                 | V1.2  |                                                               |    | 65    |      |      |      | 2.1   |
| FSP800-20FH  | 336VDC or 277VAC | 800W  | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 65    |      |      |      | 2.1   |
| FSP800-20FN  | AC / HVDC        | 800W  | 185*73.5*40                 | Platinum                       |                 | v               | V1.2  |                                                               |    | 65    |      |      |      | 2.1   |
| FSP800-29FN  | AC / HVDC        | 800W  | 185*73.5*40                 | Platinum                       | v               | v               | V1.2  |                                                               |    | 65    |      |      |      | 2.1   |
| FSP800-20FL  | -48VDC           | 800W  | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 65    |      |      |      | 2.1   |
| FSP800-29FL  | -48VDC           | 800W  | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 65    |      |      |      | 2.1   |
| FSP800-50FS  | AC / HVDC        | 800W  | 250*76*83.8                 | Platinum                       |                 |                 | V1.2  | 25                                                            | 25 | 65    |      | 0.3  | 4.5  |       |
| FSP1200-20FM | AC / HVDC        | 1200W | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 97    |      |      |      | 3     |
| FSP1200-29FM | AC / HVDC        | 1200W | 185*73.5*40                 | Platinum                       | v               |                 | V1.2  |                                                               |    | 97    |      |      |      | 3     |
| FSP1200-20FH | 336VDC or 277VAC | 1200W | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 97    |      |      |      | 3     |
| FSP1200-50FS | AC / HVDC        | 1200W | 250*76*83.8                 | Platinum                       |                 |                 | V1.2  | 30                                                            | 30 | 97    |      | 0.3  | 5    |       |
| FSP1300-20FM | AC / HVDC        | 1300W | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 105.3 |      |      |      | 3     |
| FSP1300-29FM | AC / HVDC        | 1300W | 185*73.5*40                 | Platinum                       | v               |                 | V1.2  |                                                               |    | 105.3 |      |      |      | 3     |
| FSP1300-20FH | 336VDC or 277VAC | 1300W | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 105.3 |      |      |      | 3     |
| FSP1600-20FM | AC / HVDC        | 1600W | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 130.3 |      |      |      | 3     |
| FSP1600-20FH | 336VDC or 277VAC | 1600W | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 130.3 |      |      |      | 3     |
| FSP2000-20FM | AC / HVDC        | 2000W | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 163.3 |      |      |      | 3     |
| FSP2000-20HM | AC / HVDC        | 2000W | 185*73.5*40                 | Titanium                       |                 |                 | V1.2  |                                                               |    | 163.3 |      |      |      | 3     |
| FSP2400-20FM | AC / HVDC        | 2400W | 185*73.5*40                 | Platinum                       |                 |                 | V1.2  |                                                               |    | 196.7 |      |      |      | 3     |
| FSP3000-20FE | AC / HVDC        | 3000W | 265*73.5*40                 | Titanium                       |                 |                 | V1.2  |                                                               |    |       | 55.6 |      |      | 3     |

# CRPS Universal Housing Specifications

| Model No.  | Input       | Watts | Dimension<br>L x W x H (mm) | 80 Plus<br>Efficiency<br>Level | PMBus | Output Voltage<br>[Output Current: Min - Max (A)]<br>PEAK (A) |    |       |      |      |
|------------|-------------|-------|-----------------------------|--------------------------------|-------|---------------------------------------------------------------|----|-------|------|------|
|            |             |       |                             |                                |       | 3.3V                                                          | 5V | 12V1  | -12V | 5Vsb |
| FSP-FC210E | CRPS Module | 550W  | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 45.8  | 0.3  | 5    |
|            | CRPS Module | 800W  | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 65    | 0.3  | 5    |
|            | CRPS Module | 1200W | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 97    | 0.3  | 5    |
| FSP-FC210  | CRPS Module | 550W  | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 45.8  | 0.3  | 5    |
|            | CRPS Module | 800W  | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 65    | 0.3  | 5    |
|            | CRPS Module | 1200W | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 97    | 0.3  | 5    |
|            | CRPS Module | 1600W | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 130.3 | 0.3  | 5    |
|            | CRPS Module | 2000W | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 163.6 | 0.3  | 5    |
|            | CRPS Module | 2400W | 210*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 196.7 | 0.3  | 5    |
|            | CRPS Module | 550W  | 250*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 45.8  | 0.3  | 5    |
| FSP-FC250  | CRPS Module | 800W  | 250*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 65    | 0.3  | 5    |
|            | CRPS Module | 1200W | 250*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 97    | 0.3  | 5    |
|            | CRPS Module | 1600W | 250*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 130.3 | 0.3  | 5    |
|            | CRPS Module | 2000W | 250*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 163.6 | 0.3  | 5    |
|            | CRPS Module | 2400W | 250*76*83.8                 | Backplane Only                 | 1.2   | 12                                                            | 24 | 196.7 | 0.3  | 5    |

## DC Specifications

| Model No.    | Input     | Watts | Dimension<br>L x W x H (mm) | 80 Plus<br>Efficiency<br>Level | PMBus | Output Voltage<br>[Output Current: Min - Max (A)]<br>PEAK (A) |        |           |         |       |
|--------------|-----------|-------|-----------------------------|--------------------------------|-------|---------------------------------------------------------------|--------|-----------|---------|-------|
|              |           |       |                             |                                |       | 3.3V                                                          | 5V     | 12V1      | -12V    | 5Vsb  |
| FSP250-52FGB | 24V Input | 250W  | 150*81.5*40.5               |                                |       | 0-10                                                          | 0-14   | 0.05-18   | 0-0.3   | 0-2.5 |
| FSP250-53FGB | 48V Input | 250W  | 150*81.5*40.5               |                                |       | 0-10                                                          | 0.2-14 | 0.5-18    | 0-0.3   | 0-2.5 |
| FSP400-57FHB | 48V Input | 400W  | 190*81,5*40.5               |                                |       | 0.1-12                                                        | 0.1-12 | 0.2-24.66 | 0.1-0.3 | 0.1-2 |
| FSP400-57UHB | 48V Input | 400W  | 190*100*40.5                |                                |       | 0.1-12                                                        | 0.1-12 | 0.2-24.66 | 0.1-0.3 | 0.1-2 |
| FSP500-57FHB | 48V Input | 500W  | 190*81,5*40.5               |                                |       | 0.1-12                                                        | 0.1-12 | 0.2-33    | 0.1-0.3 | 0.1-2 |
| FSP500-57UHB | 48V Input | 500W  | 190*100*40.5                |                                |       | 0.1-12                                                        | 0.1-12 | 0.2-33    | 0.1-0.3 | 0.1-2 |

# Product Advantages and Applications



## Redundant

- CRPS with IEC 62368 Safety certificated
- 80 Plus Titanium & Platinum efficiency
- Support PMBus v1.2
- Fully digital design
- Well working performance at 50°C
- Best solution for data center, telecom server and NAS

Applications: For standard, advanced rack servers (including micro, cloud server, embedded servers...etc.), 5G network and storage system.



## Flex

- Easy swap or install with cable management design
- Widely input range: 90 to 264Vac, 24Vdc & 48Vdc
- Standard ATX output plus one 24Vdc for POS or Vdc for PoE system
- Total output power from 100W to 500W in one standard size
- Max. 850W with 220mm (L) with PMBus v1.2

Applications: For industry system, DVR/NVR, NAS, digital signage, ATM/Kiosk, firewall and networking systems.



## PS2 Redundant

- Easy install in tower or 4U server with standard ATX screw positions
- Total output power from 350W to 900W
- Support PMBus v1.2
- Low acoustic level for office or home environments

Applications: For industry controller, NAS and storage system.



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FSP Power Solution GmbH was set up in 2007 and started serving customers all over Europe in the industrial field. The number of employees increased from 2 to over 30 at the time being, including sales and service engineers, product managers, logistics, and accounting.



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