



# ADAPTER

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Semi Slim Type  
External Power Supply  
USB Power Delivery  
PoE Application

**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.*

## Adapter Specifications

| Model No.    |              | Watts | Case Dimension<br>L x W x H<br>(mm) | Output Rating |      | Input Socket |            | Remark                           |
|--------------|--------------|-------|-------------------------------------|---------------|------|--------------|------------|----------------------------------|
| Class-I      | Class-II     |       |                                     | V             | A    | Class-I      | Class-II   |                                  |
|              | FSP012-DHUY3 | 12    | 77*44.8*34                          | 12            | 1    |              | Wall mount | USA AC plug ; No Y capacitance   |
|              | FSP012-DHEY3 | 12    | 77*44.8*34                          | 12            | 1    |              | Wall mount | EU AC plug ; No Y capacitance    |
|              | FSP012-DHGY3 | 12    | 77*44.8*34                          | 12            | 1    |              | Wall mount | UK AC plug ; No Y capacitance    |
|              | FSP012-DHSY3 | 12    | 77*44.8*34                          | 12            | 1    |              | Wall mount | AU AC plug ; No Y capacitance    |
|              | FSP012-DHNY3 | 12    | 77*44.8*34                          | 12            | 1    |              | Wall mount | China AC plug ; No Y capacitance |
| FSP015-DPAN3 |              | 15    | 94*38.4*29.6                        | 5             | 3.0  | C14          |            |                                  |
|              | FSP018-DHUY3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | USA AC plug ; No Y capacitance   |
|              | FSP018-DHEY3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | EU AC plug ; No Y capacitance    |
|              | FSP018-DHGY3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | UK AC plug ; No Y capacitance    |
|              | FSP018-DHSY3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | AU AC plug ; No Y capacitance    |
|              | FSP018-DHNY3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | China AC plug ; No Y capacitance |
|              | FSP018-DHUN3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | USA AC plug                      |
|              | FSP018-DHEN3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | EU AC plug                       |
|              | FSP018-DHGN3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | UK AC plug                       |
|              | FSP018-DHSN3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | AU AC plug                       |
|              | FSP018-DHNN3 | 18    | 77*44.8*34                          | 12            | 1.5  |              | Wall mount | China AC plug                    |
| FSP020-DPAN3 |              | 20    | 110*50*32                           | 5             | 4.0  | C14          |            |                                  |
|              | FSP024-DHUN3 | 24    | 77*44.8*34                          | 12            | 2.0  |              | Wall mount | USA AC plug                      |
|              | FSP024-DHEN3 | 24    | 77*44.8*34                          | 12            | 2.0  |              | Wall mount | EU AC plug                       |
|              | FSP024-DHGN3 | 24    | 77*44.8*34                          | 12            | 2.0  |              | Wall mount | UK AC plug                       |
|              | FSP024-DHSN3 | 24    | 77*44.8*34                          | 12            | 2.0  |              | Wall mount | AU AC plug                       |
|              | FSP024-DHNN3 | 24    | 77*44.8*34                          | 12            | 2.0  |              | Wall mount | China AC plug                    |
| FSP025-DPAN3 |              | 25    | 110*50*32                           | 5             | 5.0  | C14          |            |                                  |
| FSP025-DRAN3 |              | 25    | 94*38.4*29.6                        | 9             | 2.78 | C14          |            |                                  |
| FSP025-DHAN3 |              | 25    | 94*38.4*29.6                        | 12            | 2.1  | C14          |            |                                  |
| FSP025-DBAN3 |              | 25    | 94*38.4*29.6                        | 19            | 1.3  | C14          |            |                                  |
| FSP025-DAAN3 |              | 25    | 94*38.4*29.6                        | 24            | 1.0  | C14          |            |                                  |

# Adapter Specifications

| Model No.    |              | Watts | Case Dimension<br>L x W x H<br>(mm) | Output Rating |              | Input Socket |            | Remark                              |
|--------------|--------------|-------|-------------------------------------|---------------|--------------|--------------|------------|-------------------------------------|
| Class-I      | Class-II     |       |                                     | V             | A            | Class-I      | Class-II   |                                     |
| FSP030-DRAN3 |              | 30    | 110*50*32                           | 9             | 3.3          | C14          |            |                                     |
| FSP030-DHAN3 |              | 30    | 110*50*32                           | 12            | 2.5          | C14          |            |                                     |
| FSP030-DFAN3 |              | 30    | 110*50*32                           | 48            | 0.6          | C14          |            |                                     |
| FSP030-DWAN3 |              | 30    | 110*50*32                           | 54            | 0.6          | C14          |            |                                     |
| FSP036-RHBN3 |              | 36    | 89.8*37.8*27                        | 12            | 3.0          | C6           |            |                                     |
| FSP036-DHAN3 |              | 36    | 110*50*32                           | 12            | 3.0          | C14          |            |                                     |
|              | FSP036-DHUN3 | 36    | 77*44.8*34                          | 12            | 3.0          |              | Wall mount | USA AC plug                         |
|              | FSP036-DHEN3 | 36    | 77*44.8*34                          | 12            | 3.0          |              | Wall mount | EU AC plug                          |
|              | FSP036-DHGN3 | 36    | 77*44.8*34                          | 12            | 3.0          |              | Wall mount | UK AC plug                          |
|              | FSP036-DHSN3 | 36    | 77*44.8*34                          | 12            | 3.0          |              | Wall mount | AU AC plug                          |
|              | FSP036-DHNN3 | 36    | 77*44.8*34                          | 12            | 3.0          |              | Wall mount | China AC plug                       |
| FSP040-DRAN3 |              | 40    | 110*50*32                           | 9             | 4.4          | C14          |            |                                     |
| FSP040-RHAN3 |              | 40    | 110*50*32                           | 12            | 3.3          | C14          |            |                                     |
| FSP040-DHAN3 |              | 40    | 110*50*32                           | 12            | 3.3          | C14          |            |                                     |
| FSP040-DAAN3 |              | 40    | 110*50*32                           | 24            | 1.7          | C14          |            |                                     |
| FSP040-DFAN3 |              | 40    | 110*50*32                           | 48            | 0.8          | C14          |            |                                     |
| FSP040-DWAN3 |              | 40    | 110*50*32                           | 54            | 0.7          | C14          |            |                                     |
|              | FSP040-DHMN3 | 40    | 76*43.6*40                          | 12            | 3.3          |              | Wall mount | Interchangeable EU,USA AC plug      |
|              | FSP040-DHUN3 | 40    | 77*44.8*34                          | 12            | 3.3          |              | Wall mount | USA AC plug                         |
|              | FSP040-DHEN3 | 40    | 77*44.8*34                          | 12            | 3.3          |              | Wall mount | EU AC plug                          |
|              | FSP040-DHGN3 | 40    | 77*44.8*34                          | 12            | 3.3          |              | Wall mount | UK AC plug                          |
|              | FSP040-DHSN3 | 40    | 77*44.8*34                          | 12            | 3.3          |              | Wall mount | AU AC plug                          |
|              | FSP040-DHNN3 | 40    | 77*44.8*34                          | 12            | 3.3          |              | Wall mount | China AC plug                       |
| FSP042-RHAN3 |              | 42    | 110*50*32                           | 12            | 3.3          | C14          |            |                                     |
| FSP045-RBBN3 |              | 45    | 108.3*46.3*30                       | 19            | 2.4          | C6           |            |                                     |
| FSP045-RABN3 |              | 45    | 108.3*46.3*30                       | 24            | 1.9          | C6           |            |                                     |
|              | FSP045-D3MR3 | 45    | 76*43.6*40                          | 5/9/12/15/20  | 3/3/3/3/2.25 |              | Wall mount | USB PD with interchangeable AC plug |
| FSP045-A1BR  |              | 45    | 66*66*28                            | 5/9/12/15/20  | 3/3/3/3/2.25 | C6           |            | USB PD with Type C cable            |
|              | FSP045-A1UP3 | 45    | 50*50*28                            | 5/9/12/15/20  | 3/3/3/3/2.25 |              | Wall mount | USB PD with foldable USA AC plug    |
| FSP048-RHAN3 |              | 48    | 110*50*32                           | 12            | 4.0          | C14          |            |                                     |
| FSP050-DHAN3 |              | 50    | 110*62.2*31.3                       | 12            | 4.2          | C14          |            |                                     |
| FSP050-DAAN3 |              | 50    | 110*62.2*31.3                       | 24            | 2.1          | C14          |            |                                     |
| FSP050-DFAN3 |              | 50    | 110*50*32                           | 48            | 1.04         | C14          |            |                                     |
| FSP050-DWAN3 |              | 50    | 110*50*32                           | 54            | 0.9          | C14          |            |                                     |
| FSP060-DHAN3 |              | 60    | 110*62.2*31.3                       | 12            | 5.0          | C14          |            |                                     |
| FSP060-DAAN3 |              | 60    | 110*62.2*31.3                       | 24            | 2.5          | C14          |            |                                     |
| FSP060-RAAT3 |              | 60    | 137*59.5*35.3                       | 24            | 2.5          | C14          |            | Peak current                        |
| FSP060-RAAK3 |              | 60    | 110*62.2*31.3                       | 24            | 2.5          | C14          |            | Peak current                        |
| FSP060-D1AR4 |              | 60    | 77.3*92*25.4                        | 5/9/12/15/20  | 3.0          | C14          |            | USB PD with Type C cable            |
| FSP060-D1BR4 |              | 60    | 77.3*92*25.4                        | 5/9/12/15/20  | 3.0          | C6           |            | USB PD with Type C cable            |
| FSP065-RAAT3 |              | 65    | 137*59.5*35.3                       | 24.8          | 2.7          | C14          |            | Peak current                        |
| FSP065-RBBN3 |              | 65    | 108.3*46.3*30                       | 19            | 3.4          | C6           |            |                                     |
| FSP065-DFAN3 |              | 65    | 110*62.2*31.3                       | 48            | 1.4          | C14          |            |                                     |
| FSP065-DWAN3 |              | 65    | 110*62.2*31.3                       | 54            | 1.2          | C14          |            |                                     |
| FSP075-DHAN3 |              | 75    | 160*58*32.3                         | 12            | 6.3          | C14          |            |                                     |
| FSP075-DHBN3 |              | 75    | 160*58*32.3                         | 12            | 6.3          | C6           |            |                                     |
| FSP084-DHAN3 |              | 84    | 160*58*32.3                         | 12            | 7.0          | C14          |            |                                     |
| FSP084-DHBN3 |              | 84    | 160*58*32.3                         | 12            | 7.0          | C6           |            |                                     |

# Adapter Specifications

| Model No.    |              | Watts | Case Dimension<br>L x W x H<br>(mm) | Output Rating |             | Input Socket |          | Remark                   |
|--------------|--------------|-------|-------------------------------------|---------------|-------------|--------------|----------|--------------------------|
| Class-I      | Class-II     |       |                                     | V             | A           | Class-I      | Class-II |                          |
| FSP090-DBBN3 |              | 90    | 129*51*30.9                         | 19            | 4.7         | C6           |          |                          |
| FSP090-ABAN3 |              | 90    | 140.1*65.1*25.4                     | 19            | 4.7         | C14          |          | 1 inch height            |
| FSP090-ABBN3 |              | 90    | 140.1*65.1*25.4                     | 19            | 4.7         | C6           |          | 1 inch height            |
|              | FSP090-ABCN3 | 90    | 140.1*65.1*25.4                     | 19            | 4.7         |              | C8       | 1 inch height            |
| FSP090-AAAN3 |              | 90    | 140.1*65.1*25.4                     | 24            | 3.8         | C14          |          | 1 inch height            |
| FSP090-AABN3 |              | 90    | 140.1*65.1*25.4                     | 24            | 3.8         | C6           |          | 1 inch height            |
| FSP090-AFAN3 |              | 90    | 140.1*65.1*25.4                     | 48            | 1.9         | C14          |          | 1 inch height            |
| FSP090-AFBN3 |              | 90    | 140.1*65.1*25.4                     | 48            | 1.9         | C6           |          | 1 inch height            |
| FSP090-AWAN3 |              | 90    | 140.1*65.1*25.4                     | 54            | 1.7         | C14          |          | 1 inch height            |
| FSP090-AWBN3 |              | 90    | 140.1*65.1*25.4                     | 54            | 1.7         | C6           |          | 1 inch height            |
| FSP090-A1BR3 |              | 90    | 140.1*65.1*25.4                     | 5/9/12/15/20  | 3/3/3/3/4.5 | C6           |          | USB PD with Type C cable |
| FSP096-AHAN3 |              | 96    | 151.3*75.6*25.4                     | 12            | 8.0         | C14          |          | 1 inch height            |
| FSP096-AHBN3 |              | 96    | 151.3*75.6*25.4                     | 12            | 8.0         | C6           |          | 1 inch height            |
| FSP100-A1BR3 |              | 100   | 140.1*65.1*25.4                     | 5/9/12/15/20  | 3/3/3/3/5   | C6           |          | USB PD with Type C cable |
| FSP120-AHAN3 |              | 120   | 151.3*75.6*25.4                     | 12            | 10.0        | C14          |          | 1 inch height            |
| FSP120-AHBN3 |              | 120   | 151.3*75.6*25.4                     | 12            | 10.0        | C6           |          | 1 inch height            |
| FSP120-ABAN3 |              | 120   | 151.3*75.6*25.4                     | 19            | 6.3         | C14          |          | 1 inch height            |
| FSP120-ABBN3 |              | 120   | 151.3*75.6*25.4                     | 19            | 6.3         | C6           |          | 1 inch height            |
| FSP120-AAAN3 |              | 120   | 151.3*75.6*25.4                     | 24            | 5.0         | C14          |          | 1 inch height            |
| FSP120-AABN3 |              | 120   | 151.3*75.6*25.4                     | 24            | 5.0         | C6           |          | 1 inch height            |
| FSP120-AFAN3 |              | 120   | 151.3*75.6*25.4                     | 48            | 2.5         | C14          |          | 1 inch height            |
| FSP120-AFBN3 |              | 120   | 151.3*75.6*25.4                     | 48            | 2.5         | C6           |          | 1 inch height            |
| FSP120-AWAN3 |              | 120   | 151.3*75.6*25.4                     | 54            | 2.2         | C14          |          | 1 inch height            |
| FSP120-AWBN3 |              | 120   | 151.3*75.6*25.4                     | 54            | 2.2         | C6           |          | 1 inch height            |
| FSP130-RAAT3 |              | 130   | 171*72*42                           | 24            | 5.4         | C14          |          | Peak current             |
| FSP150-AHAN3 |              | 150   | 151.3*75.6*25.4                     | 12            | 12.5        | C14          |          | 1 inch height            |
| FSP150-AHBN3 |              | 150   | 151.3*75.6*25.4                     | 12            | 12.5        | C6           |          | 1 inch height            |
| FSP150-ABAN3 |              | 150   | 151.3*75.6*25.4                     | 19            | 7.9         | C14          |          | 1 inch height            |
| FSP150-ABBN3 |              | 150   | 151.3*75.6*25.4                     | 19            | 7.9         | C6           |          | 1 inch height            |
| FSP150-AAAN3 |              | 150   | 151.3*75.6*25.4                     | 24            | 6.3         | C14          |          | 1 inch height            |
| FSP150-AABN3 |              | 150   | 151.3*75.6*25.4                     | 24            | 6.3         | C6           |          | 1 inch height            |
| FSP150-AWAN3 |              | 150   | 151.3*75.6*25.4                     | 54            | 2.8         | C14          |          | 1 inch height            |
| FSP180-AHAN3 |              | 180   | 177*85.5*32.2                       | 12            | 15          | C14          |          |                          |
| FSP180-ABAN3 |              | 180   | 151.3*75.6*25.4                     | 19            | 9.5         | C14          |          | 1 inch height            |
| FSP180-ABBN3 |              | 180   | 151.3*75.6*25.4                     | 19            | 9.5         | C6           |          | 1 inch height            |
| FSP180-AJAN3 |              | 180   | 151.3*75.6*25.4                     | 19.5          | 9.2         | C14          |          | 1 inch height            |
| FSP180-AJBN3 |              | 180   | 151.3*75.6*25.4                     | 19.5          | 9.2         | C6           |          | 1 inch height            |
| FSP180-AAAN3 |              | 180   | 151.3*75.6*25.4                     | 24            | 7.5         | C14          |          | 1 inch height            |
| FSP180-AABN3 |              | 180   | 151.3*75.6*25.4                     | 24            | 7.5         | C6           |          | 1 inch height            |
| FSP180-AWAN3 |              | 180   | 151.3*75.6*25.4                     | 54            | 3.3         | C14          |          | 1 inch height            |
| FSP192-AHAN3 |              | 192   | 177*85.5*32.2                       | 12            | 16          | C14          |          |                          |
| FSP230-AJAN3 |              | 230   | 177*85.5*32.2                       | 19.5          | 11.79       | C14          |          |                          |
| FSP230-AAAN3 |              | 230   | 177*85.5*32.2                       | 24            | 9.2         | C14          |          |                          |
| FSP230-AWAN3 |              | 230   | 177*85.5*32.2                       | 54            | 4.3         | C14          |          |                          |
| FSP270-RHAN3 |              | 240   | 204*87.6*41.5                       | 12            | 20          | C14          |          |                          |
| FSP270-RBAN3 |              | 270   | 204*87.6*41.5                       | 19            | 14.2        | C14          |          |                          |
| FSP270-RAAN3 |              | 270   | 204*87.6*41.5                       | 24            | 11.3        | C14          |          |                          |
| FSP270-RFAN3 |              | 270   | 204*87.6*41.5                       | 48            | 5.6         | C14          |          |                          |
| FSP270-RWAN3 |              | 270   | 204*87.6*41.5                       | 54            | 5.0         | C14          |          |                          |
| FSP330-AJAN3 |              | 330   | 200*100*27                          | 19.5          | 16.9        | C14          |          |                          |
| FSP330-AAAN3 |              | 330   | 200*100*27                          | 24            | 13.8        | C14          |          |                          |

# Product Advantages and Applications



## Semi Slim Series

- 90~330w Semi Slim design
- Efficiency: compliant with DOE Level VI and CoC v5 Tier 2
- Operational altitude: 5000M
- Wide output voltage: 12V, 19V, 24V, 48V, 54V
- Compliant with IEC 62368-1 and IEC 60950-1 certification



## External Power Supply

- Compliant with IEC 62368-1 and IEC 60950-1 certification
- Wide range outputs wattage covers from 10 watts to 330 watts
- Optional output choices: 5V, 9V, 12V, 19V, 24V, 48V, 54V
- Efficiency: compliant with DOE Level VI and CoC v5 Tier 2
- Operational altitude: 5000M
- Flexible modification



## USB Power Delivery Series

- Offers fast, efficient charging speed
- Mechanical Type: wall-mount plug and desktop type
- Wide output wattage: 45 watts, 60 watts, 65 watts, 90 watts, 100 watts
- Compliant with IEC 62368-1 and IEC 60950-1 certification
- Efficiency: Compliant with DOE Level VI and CoC v5 Tier 2
- Ensures compatibility with Type-C charged devices
- Compact design



## PoE Application Series

- Support surge 6KV
- Compliant with IEC 62368-1 and IEC 60950-1 certification
- Wide range outputs wattage covers from 30 watts to 270 watts
- Optional output choices: 48V, 54V
- Efficiency: Compliant with DOE Level VI and CoC v5 Tier 2
- Operational altitude: 5000M
- Flexible modification