

FSP GROUP INC  
 MR A CHENG  
 22 JIANGUO E RD  
 TAOYUAN CITY TAIWAN

RE: Project Number(s) - 02CA08248

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 Power Supplies, Information Technology Equipment Including Electrical Business Equipment Certified for Canada - Component

FSP GROUP INC  
 22 JIANGUO E RD, TAOYUAN CITY TAIWAN

E190414

| Model No.                     | Rated Input       |       | SC | Output |       |        | OC | SP  | EP  | FC | GC |
|-------------------------------|-------------------|-------|----|--------|-------|--------|----|-----|-----|----|----|
|                               | V                 | Hz    |    | Max V  | Max A | Max VA |    |     |     |    |    |
| ACE-1010AXX,<br>FSP200-60PUXX | 100/240           | 60/50 | 0  | 3.3    | 12    | 62     | 3  | 950 | 20  | 2  | 1  |
|                               |                   |       |    | 5      | 16    | 158    |    |     |     |    |    |
|                               |                   |       |    | 12     | 5     | 163    |    |     |     |    |    |
|                               |                   |       |    | -12    | 0.8   | 55     |    |     |     |    |    |
|                               |                   |       |    | -5     | 0.3   | 6.2    |    |     |     |    |    |
|                               |                   |       |    | +5 Vsb | 2     | 27     |    |     |     |    |    |
| ACE-1020AXX,<br>FSP300-60PUXX | 100/240           | 60/50 | 0  | 5.45   | 31.20 | 127    | 4  | 950 | —   | —  | —  |
|                               |                   |       |    | 12.82  | 15.10 | 177    |    |     |     |    |    |
|                               |                   |       |    | 4.98   | 4.78  | 22     |    |     |     |    |    |
|                               |                   |       |    | 3.31   | 29.00 | 70     |    |     |     |    |    |
|                               |                   |       |    | -12.10 | 1.74  | 22     |    |     |     |    |    |
|                               |                   |       |    | -5.17  | 1.43  | 7      |    |     |     |    |    |
| ATX-200GT,<br>ATX-200GN       | 115/230<br>or 230 | 50/60 | 0  | +5R    | 21R   | 105R   | 3  | 950 | 20B | 0  | 1  |
|                               |                   |       |    | +3.3R  | 14R   | 46.2R  |    |     |     |    |    |
|                               |                   |       |    | +12R   | 6.5R  | 78R    |    |     |     |    |    |
|                               |                   |       |    | -5R    | 0.3R  | 1.5R   |    |     |     |    |    |
|                               |                   |       |    | -12R   | 0.5R  | 6R     |    |     |     |    |    |
|                               |                   |       |    | 5VsbR  | 2R    | 10R    |    |     |     |    |    |
| ATX-250GT,<br>ATX-250GN       | 115/230<br>or 230 | 50/60 | 0  | 5.5    | 49    | 180    | 3  | 950 | 20B | 0  | 1  |
|                               |                   |       |    | 3.4    | 53    | 160    |    |     |     |    |    |
|                               |                   |       |    | 12.8   | 35    | 330    |    |     |     |    |    |
|                               |                   |       |    | -5.7   | 4.3   | 7.6    |    |     |     |    |    |
|                               |                   |       |    | -13.9  | 5     | 3.4    |    |     |     |    |    |
|                               |                   |       |    | 5.1    | 7.7   | 17     |    |     |     |    |    |



| Model No.                         | Rated Input       |             | SC | Output   |   |  | OC | SP    | EP  | FC  | GC |
|-----------------------------------|-------------------|-------------|----|--|---|--|----|-------|-----|-----|----|
|                                   | V                 | Hz          |    | Max V  | Max A                                       | Max VA   |    |       |     |     |    |
| ATX-250GU                         | 115/230           | 60/50       | 0  | +5R<br>+3.3R<br>+12R<br>-5R<br>-12R<br>+5VsbR        | 25R<br>14R<br>8R<br>0.3R<br>0.8R<br>2.0R    | MAX<br>250W<br>—<br>—<br>—<br>—                  | 3  | 950   | 20B | 0   | 1  |
| ATX-300GT,<br>ATX-300GN           | 115/230           | 60/50       | 0  | 5.5<br>3.4<br>12.7<br>-5.6<br>-14<br>5.1             | 65<br>63<br>40<br>4.2<br>4.9<br>7.5         | 210<br>129<br>410<br>7.5<br>35<br>16.6           | 3  | 950   | 20B | 0   | 1  |
| ATX-250N                          | 115/230           | 60/50       | 0  | 5.2<br>13<br>3.3<br>-5<br>-12<br>+5                  | 43.5<br>18<br>35.7<br>5.6<br>6.1<br>0.8     | 153<br>211<br>58.5<br>18.7<br>50.5<br>40R        | 3  | 950   | 20B | 0   | 0  |
| ATX-300GU                         | 115/230           | 60/50       | 0  | +5R<br>+3.3R<br>+12R<br>-5R<br>-12R<br>+5R           | 30R<br>20R<br>13R<br>0.3R<br>0.8R<br>2R     | 150R<br>66R<br>156R<br>1.5R<br>9.6R<br>10R       | 3  | 950   | 20B | 0   | 0  |
| FSP135-60PF                       | 115/230           | 50/60       | 0  | 5.2<br>12.5<br>3.3<br>-5.1<br>-12.2<br>5.1           | 39<br>16<br>25<br>1.4<br>6.4<br>2.7         | 157<br>174<br>66<br>7<br>53<br>13                | 0  | 950   | 20B | 0   | 1  |
| FSP135-60PF(F501)                 | 115/230           | 50/60       | 0  | 5.2<br>12.5<br>5.1                                   | 39<br>16<br>2.7                             | 157<br>174<br>13                                 | 3  | 950   | 20B | 0   | 1  |
| FSP150-50CI(G)<br>or 230          | 115/230<br>or 230 | 50/60<br>50 | 0  | +5.0R<br>+12.0R<br>+3.3<br>-5.0R<br>-12.0R<br>+5VsbR | 10R<br>4.5R<br>10R<br>0.2R<br>0.3R<br>2.0R  | 50.0R<br>54.0R<br>33.0R<br>1.0R<br>3.6R<br>10.0R | 3  | 950   | 20B | 0   | 1  |
| FSP200-50NWV(PF),<br>FSP200-50NWV | 115/230<br>230    | 60/50<br>50 | 0  | +5R<br>+12R<br>+3.3R<br>-5R<br>-12R<br>+5VsbR        | 16R<br>10R<br>16.7R<br>0.3R<br>0.5R<br>2.0R | MAX<br>200W<br>—<br>—<br>—<br>—                  | 3  | 950   | 20B | 0   | 1  |
| FSP200-50NW                       | 115/230           | 60/50       | 0  | 5.4<br>12.4<br>3.4<br>5.1<br>12.1<br>5.0             | 41<br>18<br>37<br>1.5<br>1.7<br>3.4         | 166<br>198<br>74<br>6<br>15<br>16                | 3  | 950   | 20B | 0   | 0  |
| FSP200-50PLXX,<br>ACE-816AX       | 115/230           | 60/50       | 0  | +3.37<br>-13.7<br>+5.08<br>+12.2<br>+5.06<br>Vsb     | 25.8<br>7.38<br>27.5<br>20.9<br>3.36<br>5.2 | 73<br>74.5<br>123.7<br>223<br>14.5<br>14.8       | 3  | 60950 | 20B | 2,6 | 1  |
| FSP012-2P01XX                     | 100-240           | 50/60       | 0  | +5.07<br>-5.47                                       | 5.2<br>4.8                                  | 14.8<br>12.2                                     | 3  | 60950 | 20  | 0   | 0  |
| FSP020-2P01XX<br>where X may be   | 100-240           | 50/60       | 0  | +5<br>+3.3   | 0.5<br>5.0                                  | 10.1<br>22.8                                     | 3  | 950   | 20B | 0   | 0  |

| Model No.  | Rated Input         |       | SC | Output  |  |  | OC     | SP  | EP  | FC  | GC |
|--|---------------------|-------|----|---|--|--|--------|-----|-----|-----|----|
|  | V                   | Hz    |    | Max V   | Max A                                      | Max VA   |        |     |     |     |    |
| any alphanumeric character or blank  |                     |       |    |   |  |  |        |     |     |     |    |
| FSP060-2P01XX  | 100-240             | 50/60 | 0  | 5.12<br>11.7<br>-12.06                                | 26.1<br>11.2<br>1.4                        | 87<br>66<br>15.9                                 | 3      | 950 | 20B | 2   | 1  |
| FSP060-3P02XX  | 100-240             | 50/60 | 0  | 5.12<br>11.7  | 26.1<br>11.2                               | 87<br>66   | 3      | 950 | 20B | 2   | 1  |
| FSP090-50NA,<br>FSP090-50NI,<br>FSP090-50NLA,<br>FSP090-50NW,<br>FSP090-51NA,<br>FSP090-51NI | 115/230             | 60/50 | 0  | +5R<br>+12R<br>+3.3R<br>-12R<br>5R<br>-5R             | 10R<br>1.5R<br>6R<br>0.2R<br>0.72R<br>0.3R | 50R<br>18R<br>19.8R<br>2.4R<br>3.6R<br>1.5R      | 3      | 950 | 20  | 0   | 0  |
| FSP090-50PI,<br>FSP090-50PP,<br>FSP090-50PL  | 100-240             | 47-63 | 0  | +5R<br>+12R<br>+3.3R<br>-12R<br>5R                    | 12R<br>1.5R<br>8R<br>0.2R<br>1.2R          | 60R<br>18R<br>26.4R<br>2.4R<br>6R                | 3      | 950 | 20  | 0   | 0  |
| FSP090-61GY(a),<br>FSP090-60GZW(b)   | 115/230             | 60/50 | 0  | +5.0<br>+12.00<br>+3.3<br>-5.0<br>-12.0<br>+5sb       | 10.0<br>2.0<br>8.0<br>0.3<br>0.5<br>0.8    | 50.0<br>24.0<br>26.4<br>1.5<br>6.0<br>4.0        | 3      | 950 | 20  | 0   | 0  |
| FSP100-50CI,<br>FSP100-51CI,<br>FSP145-50CI,<br>FSP145-51CI                                  | 115/230             | 50/60 | 0  | +5.35<br>+11.99<br>+3.37<br>-12.32<br>+4.94           | 36<br>18<br>13<br>7<br>2.6                 | 144<br>187<br>28<br>60<br>12.5                   | 3      | 950 | 20B | 0   | 1  |
| FSP150-50CI,<br>FSP150-51CI  | 115/230             | 50/60 | 0  | +5.0R<br>+12.0R<br>+3.3R<br>-5.0R<br>-12.0R<br>+5VsbR | 10R<br>4.5R<br>10R<br>0.2R<br>0.3R<br>2.0R | 50.0R<br>54.0R<br>33.0R<br>1.0R<br>3.6R<br>10.0R | 3      | 950 | 20B | 0   | 1  |
| FSP110-50NA,<br>FSP110-50NI,<br>FSP110-50NIA,<br>FSP110-50NW,<br>FSP110-51NA,<br>FSP110-51NI | 115/230             | 60/50 | 0  | +5R<br>+12R<br>+3.3R<br>-12R<br>5R<br>-5R             | 10R<br>2R<br>8R<br>0.5R<br>0.8R<br>0.3R    | 50R<br>24R<br>26.4R<br>6R<br>4R<br>1.5R          | 3      | 950 | 20  | 0   | 0  |
| FSP120-50PI,<br>FSP120-50PP  | 100-240             | 47-63 | 0  | +5R<br>+12R<br>+3.3R<br>-12R<br>5R                    | 14R<br>2R<br>8R<br>0.3R<br>1.2R            | 70R<br>24R<br>26.4R<br>3.6R<br>6R                | 3      | 950 | 20  | 0   | 0  |
| FSP145-50NA,<br>FSP145-50NI,<br>FSP145-50NIA,  | 115/230             | 60/50 | 0  | +5.15<br>+12.19<br>+3.43                              | 47<br>18.6<br>30                           | 203.5<br>209.9<br>65.7                           | 3      | 950 | 20  | 0   | 0  |
| FSP030-2P05XX  | 100/240             | 50/60 | 0  | +5(R)<br>-12.24<br>5.23<br>-5R                        | 4.5(R)<br>1.6<br>1.5<br>0.3R               | —<br>0.2(R)<br>16.53<br>6.43<br>1.5R             | 3<br>— | 950 | 20  | 0   | 0  |
| FSP145-50NW,<br>FSP145-51NA,<br>FSP145-51NI  |                     |       |    |   |  |  |        |     |     |     |    |
| FSP145-60SF,   | 100/120             | 50/60 | 0  | 5.8   | 42   | 172  | 3      | 950 | 20B | 6,2 | 1  |
| FSP145-60SI  | 100-120/<br>200-240 | 60/50 | 0  | 5.42<br>+12R<br>+3.3R<br>-5R<br>-12R                  | 37<br>4R<br>10R<br>0.2R<br>0.3R            | 142<br>218                                       | 3      | 950 | 20  | 8   | 1  |

| Model No.  | Rated Input         |       | SC | Max V<br>(Total<br>145 W<br>maximum) | Output |        |   | OC  | SP  | EP  | FC | GC |
|--|---------------------|-------|----|--------------------------------------|--------|--------|---|-----|-----|-----|----|----|
|  | V                   | Hz    |    |                                      | Max A  | Max VA |   |     |     |     |    |    |
| FSP145-60SP  | 200/240             | —     | —  | 12.9                                 | 19     | 218    | 3 |     |     |     |    |    |
|  |                     |       |    | 3.4                                  | 27     | 58     | 3 |     |     |     |    |    |
|  |                     |       |    | 12.2                                 | 1.4    | 15     | 3 |     |     |     |    |    |
|  |                     |       |    | 5.0                                  | 1.2    | 6      | 3 |     |     |     |    |    |
| FSP200-60SAV   | 115/230             | 60/50 | 0  | +5R                                  | 16     | MAX    | 3 | 950 | 20B | 6,2 | 1  |    |
| FSP200-60SAV(PF)   | 230                 | 50    |    | +12R                                 | 10     | 200W   |   |     |     |     |    |    |
|  |                     |       |    | +3.3R                                | 16.7   |        |   |     |     |     |    |    |
|  |                     |       |    | -5R                                  | 0.2    |        |   |     |     |     |    |    |
|  |                     |       |    | -12R                                 | 0.3    |        |   |     |     |     |    |    |
|  |                     |       |    | +5VsbR                               | 2 or 3 |        |   |     |     |     |    |    |
|  |                     |       |    | +12VsbR                              | 1      |        |   |     |     |     |    |    |
| FSP180-60SA  | 115/230             | 60/50 | 0  | +5R                                  | 16R    | MAX    | 3 | 950 | 20B | 6,2 | 1  |    |
|  | 230                 | 50    |    | +12R                                 | 4R     | 180W   |   |     |     |     |    |    |
|  |                     |       |    | +3.3R                                | 10R    | —      |   |     |     |     |    |    |
|  |                     |       |    | -5R                                  | 0.5R   | —      |   |     |     |     |    |    |
|  |                     |       |    | -12R                                 | 0.8R   | —      |   |     |     |     |    |    |
|  |                     |       |    | +5VsbR                               | 2.0R   | —      |   |     |     |     |    |    |
| FSP180-60SAV(PF),<br>FSP180-60SAV,<br>FSP180-60SI                                      | 115/230             | 60/50 | 0  | +5R                                  | 16R    | MAX    | 3 | 950 | 20B | 6,2 | 1  |    |
|  | 230                 | 50    |    | +12R                                 | 10R    | 180W   |   |     |     |     |    |    |
|  |                     |       |    | +3.3R                                | 16.7R  | —      |   |     |     |     |    |    |
|  |                     |       |    | -5R                                  | 0.2R   | —      |   |     |     |     |    |    |
|  |                     |       |    | -12R                                 | 0.3R   | —      |   |     |     |     |    |    |
|  |                     |       |    | +5VsbR                               | 2.0R   | —      |   |     |     |     |    |    |
|  |                     |       |    |                                      | or     |        |   |     |     |     |    |    |
|  |                     |       |    |                                      | 3.0R   |        |   |     |     |     |    |    |
| FSP180-60SP(100/120/200-240)<br>FSP180-60SP(12V),<br>FSP180-60SPV(PF),<br>FSP180-60SPV | 115/230             | 60/50 | 0  | +5R                                  | 16R    | MAX    | 3 | 950 | 20B | 6,2 | 1  |    |
|  | 200-240             | 50    |    | +12R                                 | 10R    | 180W   |   |     |     |     |    |    |
|  |                     |       |    | +3.3R                                | 16.7R  | —      |   |     |     |     |    |    |
|  |                     |       |    | -5R                                  | 0.2R   | —      |   |     |     |     |    |    |
|  |                     |       |    | -12R                                 | 0.3R   | —      |   |     |     |     |    |    |
|  |                     |       |    | +5VsbR                               | 2.0R   | —      |   |     |     |     |    |    |
|  |                     |       |    |                                      | or     |        |   |     |     |     |    |    |
|  |                     |       |    |                                      | 3.0R   |        |   |     |     |     |    |    |
| FSP160-60SAV(PF)<br>FSP160-60SAV   | 100/127/200-240     | 60/50 | 0  | +5R                                  | 12R    | MAX    | 3 | 950 | 20B | 6,2 | 1  |    |
|  | 200-240             | 50    |    | +12R                                 | 8R     | 160W   |   |     |     |     |    |    |
|  |                     |       |    | +3.3R                                | 16.7R  | —      |   |     |     |     |    |    |
|  |                     |       |    | -5R                                  | 0.2R   | —      |   |     |     |     |    |    |
|  |                     |       |    | -12R                                 | 0.3R   | —      |   |     |     |     |    |    |
|  |                     |       |    | +5VsbR                               | 2.0R   | —      |   |     |     |     |    |    |
|  |                     |       |    |                                      | or     |        |   |     |     |     |    |    |
|  |                     |       |    |                                      | 3.0R   |        |   |     |     |     |    |    |
| FSP145-60SA  | 100-127/<br>200-240 | 50/60 | 0  | 5.5                                  | 43.0   | 170.0  | 3 | 950 | 20  | 6,2 | 0  |    |
|  |                     |       |    | 12.8                                 | 20.0   | 232.0  |   |     |     |     |    |    |
|  |                     |       |    | 3.3                                  | 32.0   | 61.0   |   |     |     |     |    |    |
|  |                     |       |    | -5.1                                 | 1.6    | 6.0    |   |     |     |     |    |    |
|  |                     |       |    | -13.3                                | 18.0   | 70.0   |   |     |     |     |    |    |
|  |                     |       |    | 5.0                                  | 3.3    | 15.0   |   |     |     |     |    |    |
| FSP145-61GI,<br>FSP145-61GN,<br>FSP145-61GT,<br>FSP145-61GW,<br>FSP145-60GZW(b)        | 115/230             | 60/50 | 0  | +5.1                                 | 42     | 165.06 | 3 | 950 | 20  | 0   | 0  |    |
|  |                     |       |    | 13.6                                 | 17     | 193.0  |   |     |     |     |    |    |
|  |                     |       |    | 3.5                                  | 35     | 62.4   |   |     |     |     |    |    |
|  |                     |       |    | -5                                   | -4.8   | 12.88  |   |     |     |     |    |    |
|  |                     |       |    | -12.54                               | 7      | 50.96  |   |     |     |     |    |    |
|  |                     |       |    | +4.98                                | 2      | 9.04   |   |     |     |     |    |    |

| Model No.   | Rated Input         |       | SC | Output |       |        | OC | SP  | EP  | FC  | GC |
|---|---------------------|-------|----|--------|-------|--------|----|-----|-----|-----|----|
|   | V                   | Hz    |    | Max V  | Max A | Max VA |    |     |     |     |    |
| FSP030-2P04XX   | 100-240             | 50/60 | 0  | 5.17   | 14.9  | 51.8   | 3  | 950 | 20B | 0   | 0  |
| FSP100-60PL   | 115-230             | 50/60 | 0  | 13.1   | 4.7   | 40.9   | 3  | 950 | 20B | 0   | 0  |
|   |                     |       |    | +5.24  | 33.0  | 116    |    |     |     |     |    |
|   |                     |       |    | +3.36  | 17.0  | 50     |    |     |     |     |    |
|   |                     |       |    | +12.5  | 12.8  | 137    |    |     |     |     |    |
|   |                     |       |    | -5.3   | 1.1   | 5      |    |     |     |     |    |
|   |                     |       |    | -12.8  | 7.6   | 4      |    |     |     |     |    |
| FSP110-60PA   | 115-230             | 60/50 | 0  | 5.2    | 2.9   | 15     | 3  | 950 | 20B | 0   | 0  |
|   |                     |       |    | +5.2   | 34.0  | 121    |    |     |     |     |    |
|   |                     |       |    | +3.4   | 19.0  | 53     |    |     |     |     |    |
|   |                     |       |    | +12.6  | 13.5  | 148    |    |     |     |     |    |
|   |                     |       |    | -5.2   | 1.1   | 8      |    |     |     |     |    |
|   |                     |       |    | -13.1  | 8.2   | 46     |    |     |     |     |    |
| FSP145-60PA,<br>FSP145-60PI   | 115-230             | 60/50 | 0  | 5.1    | 3.1   | 15     | 3  | 950 | 20B | 0   | 0  |
|   |                     |       |    | +5.2   | 37    | 136    |    |     |     |     |    |
|   |                     |       |    | +12.7  | 15    | 167    |    |     |     |     |    |
|   |                     |       |    | +3.3   | 22    | 63     |    |     |     |     |    |
|   |                     |       |    | -5.0   | 1.4   | 7      |    |     |     |     |    |
|   |                     |       |    | -13.2  | 10    | 58     |    |     |     |     |    |
| FSP145-60GLA,<br>FSP145-60GNA,<br>FSP145-60GTA,<br>FSP145-60PNA(PF)                                   | 115/230             | 60/50 | 0  | 5.2    | 3.2   | 16.3   | 3  | 950 | 20B | 6,2 | 1  |
|   |                     |       |    | 5.2    | 64    | 200    |    |     |     |     |    |
|   |                     |       |    | 13     | 21    | 221    |    |     |     |     |    |
|   |                     |       |    | 3.4    | 45    | 64     |    |     |     |     |    |
|   |                     |       |    | -5     | 7     | 12     |    |     |     |     |    |
|   |                     |       |    | -12.4  | 9     | 46     |    |     |     |     |    |
| FSP145-SF(f),<br>FSP145-SP(f)   | 100-120/<br>200-240 | 50/60 | 0  | 5      | 3.6   | 17     | 3  | 950 | 20  | 0   | 0  |
|   |                     |       |    | +5.78  | 42    | 172.2  |    |     |     |     |    |
|   |                     |       |    | +12.85 | 19.2  | 218.8  |    |     |     |     |    |
|   |                     |       |    | +3.35  | 27    | 58.05  |    |     |     |     |    |
|   |                     |       |    | -12.16 | 1.4   | 15.27  |    |     |     |     |    |
|   |                     |       |    | +5.01  | 1.2   | 5.94   |    |     |     |     |    |
| FSP150-50NI,<br>FSP175-50NI,<br>FSP150-51NI,<br>FSP175-51NI,<br>FSP-150-50NI(PF),<br>FSP-150-51NI(PF) | 115/230             | 60/50 | 0  | -5.03  | 0.89  | 3.68   | 3  | 950 | 20B | 0   | 0  |
|   |                     |       |    | +5.15  | 47    | 203.5  |    |     |     |     |    |
|   |                     |       |    | +12.19 | 18.6  | 209.9  |    |     |     |     |    |
|   |                     |       |    | +3.43  | 30    | 65.7   |    |     |     |     |    |
|   |                     |       |    | -12.24 | 1.6   | 16.53  |    |     |     |     |    |
|   |                     |       |    | 4.96   | 3.3   | 15.7   |    |     |     |     |    |
| FSP150-50PL1XX,<br>ACE-816AP,<br>FSP150-50PL1AX   | 100-240             | 60-50 | 0  | -5R    | 0.3R  | 1.5R   | 3  | 950 | 20B | 2   | 1  |
|   |                     |       |    | 5.1    | 33.2  | 137    |    |     |     |     |    |
|   |                     |       |    | 3.3    | 25.2  | 57     |    |     |     |     |    |
|   |                     |       |    | 12.0   | 18.8  | 205    |    |     |     |     |    |
|   |                     |       |    | 12.3   | 7.5   | 51     |    |     |     |     |    |
|   |                     |       |    | 5.0    | 3.8   | 16.7   |    |     |     |     |    |
| FSP100-50PL1XX,   | 100-240             | 60-50 | 0  | 5.1    | 24.6  | 112    | 3  | 950 | 20B | 2   | 1  |
|   |                     |       |    | 3.3    | 25.1  | 68     |    |     |     |     |    |
|   |                     |       |    | 12.5   | 10.1  | 116    |    |     |     |     |    |
|   |                     |       |    | 12.6   | 6.4   | 53     |    |     |     |     |    |
|   |                     |       |    | 5.0    | 3.8   | 16.7   |    |     |     |     |    |
|   |                     |       |    | 5R     | 18    | 90     |    |     |     |     |    |
| FSP150-60SF,<br>FSP150-60SP,<br>FSP150-60SP(PF)   | 100-120/<br>200-240 | 60/50 | 0  | 12R    | 4.2R  | 50.4R  | 3  | 950 | 20B | 6,2 | 0  |
|   |                     |       |    | 3.3R   | 10R   | 33     |    |     |     |     |    |
|   |                     |       |    | -5R    | 0.3R  | 1.5R   |    |     |     |     |    |
|   |                     |       |    | -12R   | 0.3R  | 3.6R   |    |     |     |     |    |
|   |                     |       |    | +5VsbR | 3R    | 15R    |    |     |     |     |    |
|   |                     |       |    | 5R     | 5R    | —      |    |     |     |     |    |
| FSP170-50PNA(PF)  | 115/230             | 60/50 | 0  | +12R   | 2R    | 170W   | 3  | 950 | 20B | 0   | 1  |
|   |                     |       |    | +3.3R  | 5R    | —      |    |     |     |     |    |
|   |                     |       |    | -12R   | 0.4R  | —      |    |     |     |     |    |

| Model No.        | Rated Input |       | SC | Output |       |        | OC | SP  | EP  | FC  | GC |
|------------------|-------------|-------|----|--------|-------|--------|----|-----|-----|-----|----|
|                  | V           | Hz    |    | Max V  | Max A | Max VA |    |     |     |     |    |
|                  |             |       |    | +5VsbR | 2R    | —      |    |     |     |     |    |
|                  |             |       |    | +12R   | 0.5R  | —      |    |     |     |     |    |
| FSP180-50NI(VPF) | 115/230     | 60/50 | 0  | +5R    | 16R   | MAX    | 3  | 950 | 20B | 0   | 1  |
| FSP180-50NI(V)   | 230         | 50    |    | +12R   | 10R   | 180W   |    |     |     |     |    |
| FSP180-51NI(VPF) |             |       |    | +3.3R  | 16.7R | —      |    |     |     |     |    |
| FSP180-51NI(V)   |             |       |    | -5R    | 0.2R  | —      |    |     |     |     |    |
|                  |             |       |    | -12R   | 0.3R  | —      |    |     |     |     |    |
|                  |             |       |    | +5VsbR | 2.0R  | —      |    |     |     |     |    |
| FSP200-60SF,     | 100-120/    | 50/60 | 0  | 5R     | 21R   | 105R   | 3  | 950 | 20B | 6.2 | 1  |
| FSP200-60SP      | 200-240     |       |    | 12R    | 7R    | 84R    |    |     |     |     |    |
|                  |             |       |    | 3.3R   | 12R   | 39.6R  |    |     |     |     |    |
|                  |             |       |    | -5R    | 0.3R  | 1.5R   |    |     |     |     |    |
|                  |             |       |    | -12R   | 0.5R  | 6R     |    |     |     |     |    |
|                  |             |       |    | +5VsbR | 0.8R  | 4R     |    |     |     |     |    |
| FSP200-61GI,     | 115/230     | 60/50 | 0  | +5.1   | 42    | 165.06 | 3  | 950 | 20  | 0   | 0  |
| FSP200-61GN,     |             |       |    | 13.6   | 17    | 193.0  |    |     |     |     |    |
| FSP200-61GT,     |             |       |    | 3.5    | 35    | 62.4   |    |     |     |     |    |
| FSP200-61GW,     |             |       |    | -5     | -4.8  | 12.88  |    |     |     |     |    |
| FSP200-60GZW(b)  |             |       |    | -12.54 | 7     | 50.96  |    |     |     |     |    |
|                  |             |       |    | +4.98  | 2     | 9.04   |    |     |     |     |    |
| FSP200-60GIA,    | 115/230     | 60/50 | 0  | 5.2    | 64    | 200    | 3  | 950 | 20B | 6.2 | 1  |
| FSP200-60GNA,    |             |       |    | 13     | 21    | 221    |    |     |     |     |    |
| FSP200-60GTA     |             |       |    | 3.4    | 45    | 64     |    |     |     |     |    |
|                  |             |       |    | -5     | 7     | 12     |    |     |     |     |    |
|                  |             |       |    | -12.4  | 9     | 46     |    |     |     |     |    |
|                  |             |       |    | 5      | 3.6   | 17     |    |     |     |     |    |
| FSP150-601U      | 100-240     | 50/60 | 0  | 5      | 14    | 70     | 3  | 950 | 20B | 0   | 0  |
|                  |             |       |    | 12     | 4.5   | 54     |    |     |     |     |    |
|                  |             |       |    | 3.3    | 10    | 33     |    |     |     |     |    |
|                  |             |       |    | -5     | 0.3   | 1.5    |    |     |     |     |    |
|                  |             |       |    | -12    | 0.8   | 9.6    |    |     |     |     |    |
|                  |             |       |    | 5sb    | 2     | 10     |    |     |     |     |    |
| FSP200-601U      | 100-240     | 50/60 | 0  | 5.6    | 51    | 205    | 3  | 950 | 20B | 0   | 0  |
|                  |             |       |    | 12.6   | 24    | 220    |    |     |     |     |    |
|                  |             |       |    | 3.4    | 34    | 84     |    |     |     |     |    |
|                  |             |       |    | -5.1   | 2.1   | 9      |    |     |     |     |    |
|                  |             |       |    | -12.7  | 12    | 66     |    |     |     |     |    |
|                  |             |       |    | 5.1sb  | 5.6   | 23     |    |     |     |     |    |
| FSP200-601U(12V) | 100-240     | 50/60 | 0  | 5.17   | 30    | 130    | 3  | 950 | 20B | 2.6 | 0  |
|                  |             |       |    | 3.39   | 40    | 107    |    |     |     |     |    |
|                  |             |       |    | 13.3   | 18    | 196    |    |     |     |     |    |
|                  |             |       |    | 5.11   | 0.8   | 3.9    |    |     |     |     |    |
|                  |             |       |    | 12.14  | 1.5   | 14.6   |    |     |     |     |    |
|                  |             |       |    | 5.15   | 4.9   | 23.3   |    |     |     |     |    |
| FSP200-60U1      | 115-230     | 50/60 | 0  | 5.78   | 50    | 202    | 3  | 950 | 20B | 0   | 0  |
|                  |             |       |    | 12.51  | 19    | 209    |    |     |     |     |    |
|                  |             |       |    | 3.32   | 48    | 74     |    |     |     |     |    |
|                  |             |       |    | -5.18  | 1.4   | 7.3    |    |     |     |     |    |
|                  |             |       |    | -14.81 | 11    | 61     |    |     |     |     |    |
|                  |             |       |    | 5.08sb | 3.8   | 17     |    |     |     |     |    |
| FSP250-601U      | 100-240     | 60-50 | 0  | +5.25  | 63.7  | 269    | 3  | 950 | 20B | 0   | 1  |
|                  |             |       |    | +3.41  | 43.1  | 96     |    |     |     |     |    |
|                  |             |       |    | +14.3  | 32.1  | 365    |    |     |     |     |    |
|                  |             |       |    | -5.2   | 1     | 4.2    |    |     |     |     |    |
|                  |             |       |    | -12.4  | 1.4   | 15.9   |    |     |     |     |    |
|                  |             |       |    | +5.02  | 5.8   | 25     |    |     |     |     |    |
| FSP300-601U      | 100-240     | 60-50 | 0  | +5.43  | 64.3  | 270    | 3  | 950 | 20B | 0   | 1  |
|                  |             |       |    | +3.39  | 42    | 94.6   |    |     |     |     |    |
|                  |             |       |    | +14.2  | 35    | 390    |    |     |     |     |    |
|                  |             |       |    | -5.19  | 1.1   | 4.4    |    |     |     |     |    |
|                  |             |       |    | -12.32 | 1.34  | 15.7   |    |     |     |     |    |
|                  |             |       |    | +5.02  | 5.8   | 24     |    |     |     |     |    |

| Model No.  | Rated Input    |                 | SC | Output  |   |   | OC | SP    | EP  | FC  | GC |
|--|----------------|-----------------|----|---|---|---|----|-------|-----|-----|----|
|  | V              | Hz              |    | Max V   | Max A   | Max VA  |    |       |     |     |    |
| FSP200-60PNA(PF)   | 115-230        | 60/50           | 0  | +5R<br>+12R<br>+3.3R<br>-12R<br>+5VsbR                | 25R<br>4.5R<br>7.6R<br>0.8R<br>2.0R             | MAX<br>200W<br>—<br>—<br>—                        | 3  | 950   | 20B | 6.2 | 1  |
| FSP350-601U  | 100-240        | 60-50           | 0  | +5R<br>+12R<br>+3.3R<br>-5R<br>-12R<br>+5VsbR         | 25.0R<br>20.0R<br>20.0R<br>0.3R<br>0.8R<br>2.0R | Max<br>350<br>—<br>—<br>—<br>—                    | 3  | 60950 | 20B | 0   | 1  |
| FSP215-60PNA(PF)   | 115/230        | 60/50           | 0  | +5R<br>+12R<br>+3.3R<br>-12R<br>+5VsbR                | 28R<br>5.5R<br>5R<br>0.4R<br>2.0R               | MAX<br>215W<br>—<br>—<br>—                        | 3  | 950   | 20B | 6.2 | 1  |
| @FSP235-60PN,<br>FSP235-60PT,<br>FSP200-60PT,<br>FSP200-60PA,<br>FSP160-60P, | 100-240        | 47-63           | 0  | 5.2<br>3.35<br>12.42<br>5.14<br>12.3<br>5.15          | 46<br>32<br>23<br>1.9<br>9.5<br>4.2             | 186.3<br>82.96<br>216.6<br>8.98<br>69.07<br>12.56 | 3  | 950   | 20  | 6.2 | 1  |
| FSP235-61GI,<br>FSP235-61GN,<br>FSP235-61GT,<br>FSP235-60GZW(b)              | 100-120        | 50/60           | 0  | +5.2<br>13.6<br>3.5<br>-12.54<br>+4.98                | 45<br>17<br>35<br>7<br>2                        | 177.7<br>193.0<br>62.4<br>50.96<br>9.04           | 3  | 950   | 20  | 0   | 0  |
| FSP235-60GIA,<br>FSP235-60GNA,<br>FSP235-60GTA<br>FSP235-60PNA,              | 115/230        | 60/50           | 0  | 5.2<br>13<br>3.4<br>-5<br>-12.4<br>5                  | 64<br>21<br>45<br>7<br>9<br>3.6                 | 200<br>221<br>64<br>12<br>46<br>17                | 3  | 950   | 20B | 6.2 | 1  |
| FSP235-60PNA(PF)   | 115/230<br>230 | 50-60<br>50     | 0  | +5R<br>+12R<br>+3.3R<br>-5R<br>-12R<br>+5VsbR<br>+12R | 22R<br>8R<br>14R<br>0.3R<br>0.8R<br>2R<br>0.8R  | 235<br>—<br>—<br>—<br>—<br>—<br>—                 | 3  | 950   | 20B | 0   | 1  |
| FSP245-50PNA   | 100/240        | 50-60           | 0  | 5.2<br>12.2<br>3.4<br>-12.3<br>12.4<br>5.2            | 60<br>18<br>27<br>2.5<br>4.0<br>3.9             | 230<br>217<br>67<br>26<br>15<br>13                | 3  | 950   | 20  | 0   | 1  |
| FSP250-60BN*,<br>FSP250-60BT*,<br>FSP250-60BN(12V)<br>FSP250-60BT(12V)       | 115/230        | 50/60           | 0  | +5.24<br>+12.6<br>-12.58<br>+3.46                     | 46<br>19.3<br>4.1<br>33                         | 220<br>232<br>45.8<br>92.8                        | 3  | 950   | 20B | 0   | 0  |
| FSP250-60GIA,<br>FSP250-60GNA,<br>FSP250-60GTA                               | 115/230        | +5 Vsb<br>60/50 | 0  | +4.99<br>5.2<br>13<br>3.4<br>-5<br>-12.4<br>5         | 3.9<br>64<br>21<br>45<br>7<br>9<br>3.6          | 17.3<br>200<br>221<br>64<br>12<br>46<br>17        | 3  | 950   | 20B | 6.2 | 1  |
| FSP250-60GTA(UMDN)   | 115            | 60              | 0  | +5R<br>+12R   | 25R<br>13R                                      | 250<br>—  | 3  | 950   | 20B | 0   | 1  |

| Model No.  | Rated Input    |             | SC | Output |        |        | OC | SP  | EP  | FC  | GC |
|--|----------------|-------------|----|--------|--------|--------|----|-----|-----|-----|----|
|  | V              | Hz          |    | Max V  | Max A  | Max VA |    |     |     |     |    |
|  |                |             |    | +3.3R  | 16R    | —      |    |     |     |     |    |
|  |                |             |    | -5R    | 0.3R   | —      |    |     |     |     |    |
|  |                |             |    | -12R   | 0.8R   | —      |    |     |     |     |    |
|  |                |             |    | +5VsbR | 2R     | —      |    |     |     |     |    |
| @FSP250-60PN,<br>FSP250-60PT,<br>FSP200-60PN,<br>FSP160-60PN,<br>FSP145-60PN | 100-240        | 47-63       | 0  | 5.22   | 48     | 226.08 | 3  | 950 | 20  | 6,2 | 1  |
|  |                |             |    | 3.35   | 32     | 82.96  |    |     |     |     |    |
|  |                |             |    | 3.38   | 34     | 70.56  |    |     |     |     |    |
|  |                |             |    | 5.04   | 2      | 9.04   |    |     |     |     |    |
|  |                |             |    | 12.13  | 1.5    | 17.67  |    |     |     |     |    |
| FSP250-61GI,<br>FSP250-61GN,<br>FSP250-61GT                                  | 115/230        | 60/50       | 0  | +5.2   | 45     | 177.7  | 3  | 950 | 20  | 0   | 0  |
|  |                |             |    | 13.6   | 17     | 193.0  |    |     |     |     |    |
|  |                |             |    | 3.5    | 35     | 62.4   |    |     |     |     |    |
| FSP250-61GN(AMD),<br>FSP250-61GN(A),<br>FSP250-61GT(A),<br>FSP250-61GT(AMD)  | 115/230        | 60/50       | 0  | 5.2    | 45     | 177.7  | 3  | 950 | 20B | 0   | 0  |
|  |                |             |    | 13.6   | 17     | 193    |    |     |     |     |    |
|  |                |             |    | 3.5    | 35     | 62.4   |    |     |     |     |    |
|  |                |             |    | -5     | 4.8    | 12.88  |    |     |     |     |    |
|  |                |             |    | -12.54 | 7      | 50.96  |    |     |     |     |    |
|  |                |             |    | 4.98   | 2      | 9.04   |    |     |     |     |    |
| FSP250-60GNV(PF),<br>FSP250-60GTV(PF),<br>FSP250-60GNV,<br>FSP250-60GTV      | 115/230        | 60/50       | 0  | +5R    | 27R    | MAX    | 3  | 950 | 20B | 6,2 | 1  |
|  |                |             |    | +12R   | 13R    | 250W   |    |     |     |     |    |
|  |                |             |    | +3.3R  | 20R    | —      |    |     |     |     |    |
|  |                |             |    | -5R    | 0.3R   | —      |    |     |     |     |    |
|  |                |             |    | -12R   | 0.8R   | —      |    |     |     |     |    |
|  |                |             |    | +5VsbR | 2.0R   | —      |    |     |     |     |    |
| FSP280-60FS  | 115/230        | 60/50       | 0  | +5R    | 22.0R  | —      | 3  | 950 | 20B | 0   | 1  |
|  |                |             |    | +12R   | 10.0R  | —      |    |     |     |     |    |
|  |                |             |    | +3.3R  | 20.0R  | —      |    |     |     |     |    |
|  |                |             |    | -5R    | 0.3R   | —      |    |     |     |     |    |
|  |                |             |    | -12R   | 0.8R   | —      |    |     |     |     |    |
|  |                |             |    | +5sbR  | 1.0R   | —      |    |     |     |     |    |
| FSP300-60BR**  | 115/230        | 50/60       | 0  | +5R    | 30R    | 180R   | 3  | 950 | 20B | 0   | 0  |
|  |                |             |    | +12R   | 9R     | 108R   |    |     |     |     |    |
|  |                |             |    | -12R   | 0.8R   | 9.6R   |    |     |     |     |    |
|  |                |             |    | +3.3R  | 28R    | 92.4R  |    |     |     |     |    |
|  |                |             |    | -5R    | 0.3R   | 1.5R   |    |     |     |     |    |
|  |                | +5 Vsb      |    | +5R    | 1-1.6R | 8R     |    |     |     |     |    |
| FSP300-60BN,<br>FSP300-60BT  | 115/230        | 50/60       | 0  | +5R    | 30R    | —      | 3  | 950 | 20B | 0   | 0  |
|  |                |             |    | +12R   | 11R    | —      |    |     |     |     |    |
|  |                |             |    | +3.3R  | 16R    | —      |    |     |     |     |    |
| FSP300-60BN(PF)  |                |             |    | -5R    | 0.3R   | —      |    |     |     |     |    |
| FSP300-60BT(PF)  |                |             |    | -12R   | 0.8R   | —      |    |     |     |     |    |
| FSP300-60BN(12V)   |                |             |    | +5Vsb  | 2/3R   | —      |    |     |     |     |    |
| FSP300-60BT(12V)   |                |             |    |        |        |        |    |     |     |     |    |
| FSP300-60GRA   | 115/230        | 60/50       | 0  | +5.6   | 127    | 331.2  | 3  | 950 | 20  | 0   | 1  |
|  |                |             |    | 13.2   | 73     | 744.6  |    |     |     |     |    |
|  |                |             |    | 3.5    | 50     | 116.6  |    |     |     |     |    |
|  |                |             |    | 4.8    | 1.6    | 5.4    |    |     |     |     |    |
|  |                |             |    | 12.7   | 28     | 120.4  |    |     |     |     |    |
|  |                |             |    | 5.3    | 3.2    | 11.8   |    |     |     |     |    |
| FSP300-60BNV,<br>FSP300-60BTV,<br>FSP300-60BTV,<br>FSP300-60BTV(PF)          | 115/230<br>230 | 60/50<br>50 | 0  | +5.43  | 49     | 197    | 3  | 950 | 20B | 0   | 1  |
|  |                |             |    | +12.66 | 21     | 236    |    |     |     |     |    |
|  |                |             |    | +3.51  | 52     | 107    |    |     |     |     |    |
|  |                |             |    | -5.05  | 2.4    | 10     |    |     |     |     |    |
|  |                |             |    | -12.42 | 12     | 75     |    |     |     |     |    |
|  |                |             |    | +5.1   | 3.5    | 16     |    |     |     |     |    |
| FSP300-60PNA(PF)   | 115/230        | 60/50       | 0  | +5R    | 30R    | 150R   | 3  | 950 | 20B | 0   | 0  |
|  |                |             |    | +12R   | 15R    | 180R   |    |     |     |     |    |
|  |                |             |    | +3.3R  | 15R    | 49.5R  |    |     |     |     |    |
|  |                |             |    | -5R    | 0.3R   | 1.5R   |    |     |     |     |    |
|  |                |             |    | -12R   | 0.8R   | 9.6R   |    |     |     |     |    |



| Model No.  | Rated Input       |             | SC | Output  |        |        | OC | SP  | EP  | FC  | GC |
|--|-------------------|-------------|----|---------|--------|--------|----|-----|-----|-----|----|
|  | V                 | Hz          |    | Max V   | Max A  | Max VA |    |     |     |     |    |
| FSP300-60U2  | 115/230           | 60/50       | 0  | +5R     |        |        | 3  | 950 | 20B | 0   | 0  |
|  |                   |             |    | +5Vsb   |        |        |    |     |     |     |    |
|  |                   |             |    | +5.62   | 72     | 269    |    |     |     |     |    |
|  |                   |             |    | +3.47   | 60     | 104    |    |     |     |     |    |
|  |                   |             |    | +12.68  | 29     | 321    |    |     |     |     |    |
|  |                   |             |    | -14.60  | 18     | 53     |    |     |     |     |    |
| FSP300-602U,<br>FSP300-60SU,<br>SP302-2C               | 100-240           | 60-50       | 0  | -5.16   | 2.3    | 11     | 3  | 950 | 20B | 2.6 | 1  |
|  |                   |             |    | 5.14    | 3.3    | 15.3   |    |     |     |     |    |
|  |                   |             |    | 5.6     | 34.2   | 143    |    |     |     |     |    |
|  |                   |             |    | 3.4     | 49.1   | 106    |    |     |     |     |    |
|  |                   |             |    | 14.1    | 32.1   | 360    |    |     |     |     |    |
|  |                   |             |    | -12.1   | 2.5    | 23.1   |    |     |     |     |    |
| FSP330-60BN***,<br>FSP330-60BT***                      | 115/230           | 50/60       | 0  | -5.2    | 1.2    | 4.4    | 3  | 950 | 20B | 0   | 0  |
|  |                   |             |    | 5.2 Vsb | 5.4    | 24.6   |    |     |     |     |    |
|  |                   |             |    | +5R     | 32R    | 160R   |    |     |     |     |    |
|  |                   |             |    | +12R    | 8R     | 96R    |    |     |     |     |    |
|  |                   |             |    | -12R    | 0.8R   | 9.6R   |    |     |     |     |    |
|  |                   |             |    | +3.3R   | 28R    | 92.4R  |    |     |     |     |    |
| FSP350-60BN****,<br>FSP350-60BT****                    | 115/230           | 50/60       | 0  | -5R     | 0.3R   | 1.5R   | 3  | 950 | 20B | 0   | 0  |
|  |                   |             |    | +5R     | 1-1.6R | 8R     |    |     |     |     |    |
|  |                   |             |    | +5.17   | 87     | 256    |    |     |     |     |    |
|  |                   |             |    | +12.52  | 34     | 350    |    |     |     |     |    |
|  |                   |             |    | -12.45  | 5.9    | 56.8   |    |     |     |     |    |
|  |                   |             |    | +3.32   | 50     | 26.5   |    |     |     |     |    |
| *FSP350-60BT(PF)                                       | 115/230<br>or 230 | 60-50<br>50 | 0  | -5.13   | 3.6    | 21.5   | 3  | 950 | 20B | 0   | 0  |
|  |                   |             |    | +4.99   | 4.3    | 18.3   |    |     |     |     |    |
|  |                   |             |    | +5R     | 32     | MAX    |    |     |     |     |    |
|  |                   |             |    | +12R    | 16     | 350    |    |     |     |     |    |
|  |                   |             |    | +3.3R   | 28     |        |    |     |     |     |    |
|  |                   |             |    | -5R     | 0.3    |        |    |     |     |     |    |
| FSP390-40AT  | 100-240           | 60-50       | 0  | -12R    | 0.8    |        | 3  | 950 | 20B | 2.6 | 0  |
|  |                   |             |    | +5VsbR  | 2      |        |    |     |     |     |    |
|  |                   |             |    | +5R     | 40R    | MAX    |    |     |     |     |    |
|  |                   |             |    | +12R    | 15R    | 390    |    |     |     |     |    |
|  |                   |             |    | -5R     | 0.3R   | —      |    |     |     |     |    |
|  |                   |             |    | -12R    | 0.8R   | —      |    |     |     |     |    |
| FSP400-60PFN   | 100-240           | 60-50       | 0  | +5R     | 40R    | MAX    | 3  | 950 | 20B | 2.6 | 0  |
|  |                   |             |    | +12R    | 15R    | 400W   |    |     |     |     |    |
|  |                   |             |    | +3.3R   | 28R    | —      |    |     |     |     |    |
|  |                   |             |    | -5R     | 0.3R   | —      |    |     |     |     |    |
|  |                   |             |    | -12R    | 0.8R   | —      |    |     |     |     |    |
|  |                   |             |    | +5VsbR  | 2.0R   | —      |    |     |     |     |    |
| FSP400-60GN(c)(d)                                      | 115/230           | 50/60       | 0  | 5.45    | 43.6   | 176.7  | 3  | 950 | 20B | 0   | 1  |
|  |                   |             |    | 3.46    | 44.2   | 110.1  |    |     |     |     |    |
|  |                   |             |    | 12.73   | 16.9   | 201.5  |    |     |     |     |    |
|  |                   |             |    | -12.0   | 2.2    | 23.2   |    |     |     |     |    |
|  |                   |             |    | -5.12   | 0.5    | 1.9    |    |     |     |     |    |
|  |                   |             |    | 5.17    | 3.2    | 15.7   |    |     |     |     |    |
| FSP530-60GNA   | 115/230           | 50/60       | 0  | 5.7     | 48     | 215    | 3  | 950 | 20B | 2.6 | 1  |
|  |                   |             |    | 3.5     | 45     | 128    |    |     |     |     |    |
|  |                   |             |    | 12.8    | 22     | 232    |    |     |     |     |    |
|  |                   |             |    | 5.1     | 0.5    | 2      |    |     |     |     |    |
|  |                   |             |    | 12.1    | 2.5    | 25     |    |     |     |     |    |
|  |                   |             |    | 5       | 3.5    | 17     |    |     |     |     |    |
| FSP530-60GN,<br>FSP530-60GL                            | 115/230           | 50/60       | 0  | 5.51    | 52     | 201    | 3  | 950 | 20B | 2.6 | 1  |
|  |                   |             |    | 12.16   | 35     | 348    |    |     |     |     |    |
|  |                   |             |    | 3.46    | 48     | 126    |    |     |     |     |    |
|  |                   |             |    | 5.22    | 0.6    | 1.8    |    |     |     |     |    |
|  |                   |             |    | 12.17   | 2.5    | 24     |    |     |     |     |    |
|  |                   |             |    | 5.4     | 58     | 173    |    |     |     |     |    |
| FSPxxx-60PFN,<br>FSP300-60PFN(1),<br>FSP300-60PFN(12V) | 100/240           | 50-60       | 0  | 3.4     | 52     | 108    | 3  | 950 | 20B | 2.6 | 0  |
|  |                   |             |    |         |        |        |    |     |     |     |    |

| Model No.  | Rated Input    |             | SC | Output      |        |        | OC | SP  | EP  | FC  | GC |
|--|----------------|-------------|----|-------------|--------|--------|----|-----|-----|-----|----|
|  | V              | Hz          |    | Max V       | Max A  | Max VA |    |     |     |     |    |
| ST250PFC,<br>ST250PFCN,<br>ST300PFC,<br>ST300PFCN<br>where xxx=150,<br>200,<br>250, 235 or 300 |                |             |    | 13.1        | 22     | 210    |    |     |     |     |    |
|  |                |             |    | -12.1       | 2.4    | 21.6   |    |     |     |     |    |
|  |                |             |    | -5.2        | 1.6    | 7.4    |    |     |     |     |    |
|  |                |             |    | 5.1         | 5.4    | 26.8   |    |     |     |     |    |
| Optional<br>appliance outlet   | 115/230        | 60/50       | 0  | —           | —      | —      | 1  | 950 | 20B | 5,6 | 1  |
| FSP300-60PFNI  | 100-240        | 50-60       | 0  | +5R         | 30R    | MAX    | 3  | 950 | 20B | 2,6 | 0  |
|  |                |             |    | +3.3R       | 28R    | 300W   |    |     |     |     |    |
|  |                |             |    | +12R        | 15R    | —      |    |     |     |     |    |
|  |                |             |    | -5R         | 0.3R   | —      |    |     |     |     |    |
|  |                |             |    | -12R        | 0.8R   | —      |    |     |     |     |    |
|  |                |             |    | +5VsbR      | 2.0R   | —      |    |     |     |     |    |
| FSP250-60PFN   | 100-240        | 50-60       | 0  | +5R         | 25R    | MAX    | 3  | 950 | 20B | 2,6 | 0  |
|  |                |             |    | +3.3R       | 16R    | 250W   |    |     |     |     |    |
|  |                |             |    | +12R        | 13R    | —      |    |     |     |     |    |
|  |                |             |    | -5R         | 0.3R   | —      |    |     |     |     |    |
|  |                |             |    | -12R        | 0.8R   | —      |    |     |     |     |    |
|  |                |             |    | +5VsbR      | 2.0R   | —      |    |     |     |     |    |
| FSP250-60PFN(12V)  | 100-240        | 50-60       | 0  | +5R         | 25R    | MAX    | 3  | 950 | 20B | 2,6 | 0  |
|  |                |             |    | +3.3R       | 20R    | 250W   |    |     |     |     |    |
|  |                |             |    | +12R        | 13R    | —      |    |     |     |     |    |
|  |                |             |    | -5R         | 0.3R   | —      |    |     |     |     |    |
|  |                |             |    | -12R        | 0.8R   | —      |    |     |     |     |    |
|  |                |             |    | +5VsbR      | 2.0R   | —      |    |     |     |     |    |
| FSP250-40PFN   | 100-240        | 50-60       | 0  | +5R         | 30R    | MAX    | 3  | 950 | 20B | 2,6 | 0  |
|  |                |             |    | +12R        | 13R    | 250W   |    |     |     |     |    |
|  |                |             |    | -5R         | 0.3R   | —      |    |     |     |     |    |
|  |                |             |    | -12R        | 0.8R   | —      |    |     |     |     |    |
| FSP245-60GP  | 100/240        | 60/50       | 0  | 5.1         | 42     | 165    | 3  | 950 | 20  | 0   | 1  |
|  |                |             |    | 12.4        | 19.5   | 208    |    |     |     |     |    |
|  |                |             |    | 3.3         | 5.6    | 68     |    |     |     |     |    |
|  |                |             |    | -12.3       | 5.2    | 40     |    |     |     |     |    |
|  |                |             |    | 5.1Vsb      | 3.5    | 15     |    |     |     |     |    |
|  |                |             |    | 13.2 Vsb    | 8.6    | 19     |    |     |     |     |    |
| FSP460-60PFNXX   | 100-240        | 50-60       | 0  | 4.96        | 36.6   | 153    | 3  | 950 | 20B | 0   | 1  |
|  |                |             |    | 3.39        | 37     | 103    |    |     |     |     |    |
|  |                |             |    | 11.9 I/O    | 18.1   | 210    |    |     |     |     |    |
|  |                |             |    | 11.9<br>CPU | 18.1   | 210    |    |     |     |     |    |
|  |                |             |    | -5.16       | 1.2    | 6      |    |     |     |     |    |
|  |                |             |    | -12.38      | 1.1    | 13.3   |    |     |     |     |    |
|  |                |             |    | 5 vsb       | 3.9    | 13.8   |    |     |     |     |    |
| FSP300-60ATV,<br>FSP300-60ATV(PF)  | 115/230<br>230 | 60/50<br>50 | 0  | +3.3(R)     | 28(R)  | 300(R) | 3  | 950 | 20  | 2   | 1  |
|  |                |             |    | +5(R)       | 30(R)  | 300(R) |    |     |     |     |    |
|  |                |             |    | +12(R)      | 15(R)  | 300(R) |    |     |     |     |    |
|  |                |             |    | -5(R)       | 0.3(R) | 300(R) |    |     |     |     |    |
|  |                |             |    | -12(R)      | 0.8(R) | 300(R) |    |     |     |     |    |
|  |                |             |    | +5Vsb(R)    | 2.0(R) | 300(R) |    |     |     |     |    |
| FSP250-60ATV,<br>FSP250-60ATV(PF)  | 115/230<br>230 | 60/50<br>50 | 0  | +3.3(R)     | 20(R)  | 250(R) | 3  | 950 | 20  | 2   | 1  |
|  |                |             |    | +5(R)       | 27(R)  | 250(R) |    |     |     |     |    |
|  |                |             |    | +12(R)      | 13(R)  | 250(R) |    |     |     |     |    |
|  |                |             |    | -5(R)       | 0.3(R) | 250(R) |    |     |     |     |    |
|  |                |             |    | -12(R)      | 0.8(R) | 250(R) |    |     |     |     |    |
|  |                |             |    | +5Vsb(R)    | 2.0(R) | 250(R) |    |     |     |     |    |
| FSP028-40MS  | 90-264         | 47-63       | 0  | 5.1         | 19.2   | 50.8   | 3  | 950 | 20  | 2   | 0  |
|  |                |             |    | 12.0        | 1.7    | 16.9   |    |     |     |     |    |
|  |                |             |    | 12.3        | 1.3    | 15.1   |    |     |     |     |    |
|  |                |             |    | 5.03        | 1.45   | 7.2    |    |     |     |     |    |

| Model No.  | Rated Input        |       | SC | Output   |  |   | OC | SP  | EP  | FC  | GC |
|--|--------------------|-------|----|--|--|---|----|-----|-----|-----|----|
|  | V                  | Hz    |    | Max V  | Max A  | Max VA                                  |    |     |     |     |    |
| FSP060-1S04XX,<br>where X may<br>be any<br>alphanumeric<br>character or<br>blank | 100-240            | 50/60 | 0  | 24.4   | 5.8  | 118                                     | 3  | 950 | 20  | 2   | 0  |
| FSP060-2P02XX,<br>where X may<br>be any<br>alphanumeric<br>character or<br>blank | 100-240            | 50/60 | 0  | 3.3<br>12.8  | 23.0<br>6.1                                    | 52.0<br>58.0                            | 3  | 950 | 20  | 2   | 0  |
| FSP060-2P03XX,<br>where X may<br>be any<br>alphanumeric<br>character or<br>blank | 100-240            | 50/60 | 0  | 3.3<br>13.0  | 15.0<br>3.9                                    | 53.0<br>31.0                            | 3  | 950 | 20  | 2   | 0  |
| FSP060-4P01XX,<br>FSP060-4P02XX  | 100-240            | 50/60 | 0  | 5.11<br>12.6<br>-5.0<br>-12.1                        | 18.5<br>8.0<br>1.3<br>1.28                     | 60.3<br>67.8<br>6.4<br>15.3             | 3  | 950 | 20B | 0   | 0  |
| FSP060-4P03XX  | 100-240            | 50/60 | 0  | 5.0<br>12.7<br>12.9<br>5.17                          | 17<br>8.4<br>5.3<br>5.5                        | 57.9<br>61.9<br>42.0<br>23.0            | 3  | 950 | 20B | 0   | 0  |
| FSP030-2P01XX  | 100-240            | 50/60 | 0  | +5<br>+12  | 4.5<br>0.5                                     | 28<br>—                                 | 3  | 950 | 20B | 0   | 1  |
| FSP030-2P02XX  | 100-240            | 50/60 | 0  | —<br>+5  | 3.5<br>1.0                                     | 29<br>—                                 | 3  | 950 | 20B | 0   | 1  |
| FSP030-2P03XX  | 100-240            | 50/60 | 0  | +12<br>—   | 1.0<br>1.0                                     | 17<br>—                                 | 3  | 950 | 20B | 0   | 1  |
| FSP090-50DE,<br>FSP145-50DL  | 115/230            | 60/50 | 0  | +5.37<br>+3.3<br>+11.97<br>-12.22<br>+5.01<br>-4.99  | 29<br>23<br>10.9<br>15<br>3.2<br>1.2           | 114<br>41<br>121<br>15.6<br>15.5<br>6.1 | 3  | 950 | 20B | 0   | 1  |
| FSP090-50MA,<br>FSP090-50MI,<br>FSP090-50ML,<br>FSP090-50MP                      | 115/230            | 60/50 | 0  | +5R<br>+12R<br>+3.3R<br>-12R<br>+5R                  | 10R<br>1.5R<br>6R<br>0.2R<br>0.72R             | 50R<br>18R<br>19.8R<br>2.4R<br>3.6R     | 3  | 950 | 20  | 2,3 | 0  |
| FSP110-50MA,<br>FSP110-50MI  | 115/230            | 60/50 | 0  | +5R<br>+12R<br>+3.3R<br>-12R<br>+5R                  | 10R<br>2R<br>8R<br>0.5R<br>0.8R                | 50R<br>24R<br>26.4R<br>6R<br>4R         | 3  | 950 | 20  | 2,3 | 0  |
| FSP145-50DE,   | 115/230            | 60/50 | 0  | +5.35<br>+3.41<br>+12.15<br>-12.08<br>+4.98<br>-5.03 | 37.7<br>16.9<br>13.4<br>1.6<br>3.2<br>1.2      | 149<br>32<br>150<br>16.7<br>15.5<br>5.7 | 3  | 950 | 20B | 0   | 1  |
| FSP145-60AI,<br>FSP145-60AN,<br>FSP145-60AT                                      | 100-120<br>200-240 | 60/50 | 0  | 5<br>12<br>-5<br>-12<br>3.3<br>5Vsb                  | 18<br>4<br>0.2<br>0.3<br>12<br>2.0/<br>1.6/1.0 | 145W<br>max                             | 3  | 950 | 20B | 0   | 1  |
| FSP145-60PFN(SAXX)   | 100-240            | 60/50 | 0  | 3.3(R)   | 8.0(R)   | 145W                                    | 3  | 950 | 20B | 2   | 1  |

| Model No.   | Rated Input        |                | SC       | Output   |   |   | OC  | SP  | EP  | FC  | GC   |
|---|--------------------|----------------|----------|----------|---|---|-----|-----|-----|-----|------|
|   | V                  | Hz             |          | Max V    | Max A                                   | Max VA  |     |     |     |     |      |
| FSP180-60PFN(SAXX) 100-240                        | 60/50              | 0              | +5(R)    | 15(R)    | 180<br>Max                              | 3   | 950 | 20B | 2   | 1   |      |
|   |                    |                | +12(R)   | 4.2(R)   |   |   |     |     |     |     |      |
|   |                    |                | -12(R)   | 0.3(R)   |   |   |     |     |     |     |      |
|   |                    |                | -5(R)    | 0.2(R)   |   |   |     |     |     |     |      |
|   |                    |                | +5Vsb(R) | 2.0(R)   |   |   |     |     |     |     |      |
|   |                    |                | +3.3(R)  | 10.0(R)  |   |   |     |     |     |     |      |
|   |                    |                | +5(R)    | 18.0(R)  |   |   |     |     |     |     |      |
| FSP200-60PFN(SAXX) 100-240                        | 60/50              | 0              | +12(R)   | 6.0(R)   | 175<br>210<br>24<br>75<br>31<br>4       | 3   | 950 | 20B | 2   | 1   |      |
|   |                    |                | -12(R)   | 0.3(R)   |   |   |     |     |     |     |      |
|   |                    |                | -5(R)    | 0.2(R)   |   |   |     |     |     |     |      |
|   |                    |                | +5Vsb(R) | 2.0(R)   |   |   |     |     |     |     |      |
|   |                    |                | 5.1      | 44       |   |   |     |     |     |     |      |
|   |                    |                | 12.1     | 19.3     |   |   |     |     |     |     |      |
|   |                    |                | 5.2      | 5        |   |   |     |     |     |     |      |
| FSP200-60AI,<br>FSP200-60AN,<br>FSP200-60AT       | 100-120<br>200-240 | 60/50          | 0        | 3.4      | 28.4                                    | 200W<br>max                                     | 3   | 950 | 20B | 0   | 1    |
|   |                    |                |          | -11.4    | 3.2                                     |   |     |     |     |     |      |
|   |                    |                |          | -5.2     | 0.9                                     |   |     |     |     |     |      |
|   |                    |                |          | 5        | 20                                      |   |     |     |     |     |      |
|   |                    |                |          | 12       | 7                                       |   |     |     |     |     |      |
|   |                    |                |          | -5       | 0.3                                     |   |     |     |     |     |      |
|   |                    |                |          | -12      | 0.5                                     |   |     |     |     |     |      |
| FSP235-60AI,<br>FSP235-60AN,<br>FSP235-60AT       | 100-120<br>200-240 | 60/50          | 0        | 3.3      | 14                                      | 235W<br>max                                     | 3   | 950 | 20B | 0   | 1    |
|   |                    |                |          | 5Vsb     | 2.0/<br>1.6/1.0                         |   |     |     |     |     |      |
|   |                    |                |          | 5        | 22                                      |   |     |     |     |     |      |
|   |                    |                |          | 12       | 8                                       |   |     |     |     |     |      |
|   |                    |                |          | -5       | 0.3                                     |   |     |     |     |     |      |
|   |                    |                |          | -12      | 0.5                                     |   |     |     |     |     |      |
|   |                    |                |          | 3.3      | 14                                      |   |     |     |     |     |      |
| FSP250-60AI,<br>FSP250-60AN,<br>FSP250-60AT       | 115/230            | 60/50          | 0        | 5Vsb     | 2.0/<br>1.6/1.0                         | 229.1<br>186.2<br>89.1<br>6.29<br>17.88<br>16.1 | 3   | 950 | 20B | 0   | 1    |
|   |                    |                |          | 5.96     | 58                                      |   |     |     |     |     |      |
|   |                    |                |          | 12.9     | 19                                      |   |     |     |     |     |      |
|   |                    |                |          | 3.68     | 35                                      |   |     |     |     |     |      |
|   |                    |                |          | 5.09     | 138                                     |   |     |     |     |     |      |
|   |                    |                |          | 12.34    | 1.5                                     |   |     |     |     |     |      |
|   |                    |                |          | 5.1      | 3.3                                     |   |     |     |     |     |      |
| FSP150-60PFN(PAXX) 100-240                        | 50/60              | 0              | 3.38     | 31.6     | 76<br>185<br>214<br>47.7<br>7.1<br>24.5 | 3   | 950 | 20B | 2   | 1   |      |
|   |                    |                |          | 5.3      |   |   |     |     |     |     | 46.8 |
|   |                    |                |          | 12.17    |   |   |     |     |     |     | 20.5 |
|   |                    |                |          | -11.6    |   |   |     |     |     |     | 8.4  |
|   |                    |                |          | -5.03    |   |   |     |     |     |     | 1.77 |
|   |                    |                |          | +5.12Vsb |   |   |     |     |     |     | 5.2  |
|   |                    |                |          | +5R      |   |   |     |     |     |     | 8R   |
| FSP060-3S01XX                                     | 100-240            | 50/60          | 0        | +12R     | 3.5R                                    | (e)   | 3   | 950 | 20B | 0   | 1    |
|   |                    |                |          | -12R     | 1R                                      |   |     |     |     |     |      |
|   |                    |                |          | +12      | 21                                      |   |     |     |     |     |      |
| FSP200-60SPV,<br>FSP200-60SPV(PF)<br>FSP250-60XYZ | 115/230<br>100-240 | 60/50<br>50/60 | 0        | +3.4     | 38.4                                    | 98<br>120<br>132<br>22<br>6<br>15.8             | 3   | 950 | 20B | 2,6 | 1    |
|   |                    |                |          | +5.0     | 29.6                                    |   |     |     |     |     |      |
|   |                    |                |          | +12.3    | 19.6                                    |   |     |     |     |     |      |
|   |                    |                |          | -12.0    | 2.0                                     |   |     |     |     |     |      |
|   |                    |                |          | -5.1     | 1.4                                     |   |     |     |     |     |      |
|   |                    |                |          | +5.0 Vsb | 4.7                                     |   |     |     |     |     |      |
|   |                    |                |          | +3.3     | 46.4                                    |   |     |     |     |     |      |
| FSP300-60XYZ                                      | 100-240            | 50/60          | 0        | +5.0     | 35.7                                    | 113<br>134<br>180<br>23<br>5.2<br>15.2          | 3   | 950 | 20B | 2,6 | 1    |
|   |                    |                |          | +12.4    | 16.5                                    |   |     |     |     |     |      |
|   |                    |                |          | -12.1    | 1.95                                    |   |     |     |     |     |      |
|   |                    |                |          | -5.2     | 1.2                                     |   |     |     |     |     |      |
|   |                    |                |          | +5.1 Vsb | 4.4                                     |   |     |     |     |     |      |
|   |                    |                |          | +3.3     | 51.0                                    |   |     |     |     |     |      |
|   |                    |                |          | +5.0     | 50.4                                    |   |     |     |     |     |      |
| FSP350-60XYZ                                      | 100-240            | 50/60          | 0        |          |   | 110<br>176                                      | 3   | 950 | 20B | 2,6 | 1    |
|   |                    |                |          |          |   |   |     |     |     |     |      |

| Model No.  | Rated Input |       | SC | Output   |       |        | OC | SP    | EP  | FC  | GC |
|--|-------------|-------|----|----------|-------|--------|----|-------|-----|-----|----|
|  | V           | Hz    |    | Max V    | Max A | Max VA |    |       |     |     |    |
|  |             |       |    | +12.3    | 32.8  | 296    |    |       |     |     |    |
|  |             |       |    | -12.1    | 1.8   | 21     |    |       |     |     |    |
|  |             |       |    | -5.2     | 1.0   | 5.4    |    |       |     |     |    |
|  |             |       |    | +4.9 Vsb | 4.0   | 15.3   |    |       |     |     |    |
| FSP007-1P02XX  | 100-240     | 50-60 | 0  | 3.3      | 4.27  | 13.93  | 3  | 950   | 20B | 0   | 1  |
| FSP007-1P002AXX  | 100-240     | 50-60 | 0  | 3.3      | 4.27  | 13.93  | 3  | 950   | 20B | 0   | 1  |
| FSP007-1P002AXX  | 100-240     | 50-60 | 0  | 5.0      | 5.6   | 25.0   | 3  | 60950 | 20B | 2,6 | 1  |
|  |             |       |    | 12.0     | 3.6   | 34.0   |    |       |     |     |    |
| FSP180-60AV  | 115/230     | 60/50 | 0  | +5R      | 16R   | Max    | 3  | 950   | 20B | 0   | 1  |
| FSP180-60AV(PF)  |             |       |    | +12R     | 10R   | 180W   |    |       |     |     |    |
|  |             |       |    | +3.3R    | 16.7R |        |    |       |     |     |    |
|  |             |       |    | -5R      | 0.2R  |        |    |       |     |     |    |
|  |             |       |    | -12R     | 0.3R  |        |    |       |     |     |    |
|  |             |       |    | +5VsbR   | 2R    |        |    |       |     |     |    |
|  |             |       |    | +12VsbR  | 1R    |        |    |       |     |     |    |
| FSP200-50PSXX  | 115/230     | 60/50 | 0  | 5.15     | 26.5  | 120    | 3  | 950   | 20B | 2,6 | 1  |
|  |             |       |    | 3.32     | 17    | 48     |    |       |     |     |    |
|  |             |       |    | 12.3     | 15.2  | 172    |    |       |     |     |    |
|  |             |       |    | -12.5    | 2.3   | 31     |    |       |     |     |    |
|  |             |       |    | 5.07     | 3.4   | 14     |    |       |     |     |    |
| FSP200-60ATV   | 115/230     | 60/50 | 0  | +3.3R    | 14R   | Max    | 3  | 950   | 20B | 0   | 1  |
| FSP200-60ATV(PF)   |             |       |    | +5R      | 21R   | 200W   |    |       |     |     |    |
|  |             |       |    | +12R     | 10R   |        |    |       |     |     |    |
|  |             |       |    | -5R      | 0.3R  |        |    |       |     |     |    |
|  |             |       |    | -12R     | 0.5R  |        |    |       |     |     |    |
|  |             |       |    | +5VsbR   | 2.0R  |        |    |       |     |     |    |
| FSP060-2P06XX,   | 100-240     | 50/60 | 0  | 14.9     | 4.1   | 49     | 3  | 950   | 20B | 2   | 1  |
| where X can be<br>any<br>alphanumeric<br>character or<br>blank |             |       |    | 15.9     | 4.1   | 48.8   |    |       |     |     |    |
| FSP200-50SNV   | 115/230     | 60/50 | 0  | +3.3R    | 16.7  | Max    | 3  | 60950 | 20B | 0   | 1  |
|  |             |       |    | +5R      | 16    | 200W   |    |       |     |     |    |
|  |             |       |    | +12R     | 10    | —      |    |       |     |     |    |
|  |             |       |    | -12R     | 0.5   | —      |    |       |     |     |    |
|  |             |       |    | -5R      | 0.3   | —      |    |       |     |     |    |
|  |             |       |    | +5VsbR   | 2     | —      |    |       |     |     |    |
| FSP150-50SNV   | 115/230     | 60/50 | 0  | +3.3R    | 12    | Max    | 3  | 60950 | 20B | 0   | 1  |
|  |             |       |    | +5R      | 10    | 150W   |    |       |     |     |    |
|  |             |       |    | +12R     | 4     | —      |    |       |     |     |    |
|  |             |       |    | -12R     | 0.3   | —      |    |       |     |     |    |
|  |             |       |    | -5R      | 0.2   | —      |    |       |     |     |    |
|  |             |       |    | +5VsbR   | 2     | —      |    |       |     |     |    |
| MPS1083-000  | 100-240     | 50-60 | 0  | -51.0    | 4.6   | 72.3   | 3  | 950   | 20B | 2   | 2  |
| FSP550-60PLNXX   | 100-240     | 50-60 | 0  | +3.2     | 34.0  | 88     | 3  | 950   | 20B | 2   | 1  |
|  |             |       |    | +4.9 V   | 36.0  | 146    |    |       |     |     |    |
|  |             |       |    | +12 V    | 24.0  | 262    |    |       |     |     |    |
|  |             |       |    | 12.1 V   | 23.5  | 273    |    |       |     |     |    |
|  |             |       |    | -12.3 V  | 1.1   | 14     |    |       |     |     |    |
|  |             |       |    | -5.1 V   | 1.4   | 6.4    |    |       |     |     |    |
|  |             |       |    | +4.97 V  | 4.2   | 13.9   |    |       |     |     |    |
|  |             |       |    | sb       |       |        |    |       |     |     |    |
| FSP550-60PLGXX   | 100-240     | 50-60 | 0  | +3.2     | 34.0  | 88     | 3  | 950   | 20B | 2   | 1  |
|  |             |       |    | +4.9 V   | 36.0  | 146    |    |       |     |     |    |
|  |             |       |    | 12.2 V   | 32.1  | 372    |    |       |     |     |    |
|  |             |       |    | 12.1 V   | 23.5  | 273    |    |       |     |     |    |
|  |             |       |    | -12.3 V  | 1.1   | 14     |    |       |     |     |    |
|  |             |       |    | -5.1 V   | 1.4   | 6.4    |    |       |     |     |    |
|  |             |       |    | +4.97 V  | 4.2   | 13.9   |    |       |     |     |    |
|  |             |       |    | sb       |       |        |    |       |     |     |    |
| FSP250-60PNA(PF)   | 115/230     | 60/50 | 0  | 5.3      | 43    | 168    | 3  | 950   | 20B | 0   | 1  |
|  |             |       |    | 12.67    | 19    | 198    |    |       |     |     |    |

| Model No.  | Rated Input |       | SC | Output |       |        | OC | SP    | EP  | FC | GC |
|--|-------------|-------|----|--------|-------|--------|----|-------|-----|----|----|
|  | V           | Hz    |    | Max V  | Max A | Max VA |    |       |     |    |    |
|  |             |       |    | 3.36   | 73    | 147    |    |       |     |    |    |
|  |             |       |    | -12.94 | 7.2   | 58     |    |       |     |    |    |
|  |             |       |    | 5.12   | 3.5   | 16     |    |       |     |    |    |
|  |             |       |    | 14.1   | 8.3   | 15     |    |       |     |    |    |
| FSP250-60MDN-120US,10-120<br>FSP250-60MDN-120US(1) | 50-60       | 60-60 | 0  | 3.49   | 69    | 159    | 3  | 950   | 20B | 0  | 1  |
|  |             |       |    | 5.34   | 48    | 162    |    |       |     |    |    |
|  |             |       |    | 12.7   | 17    | 201    |    |       |     |    |    |
|  |             |       |    | -13.10 | 7     | 61     |    |       |     |    |    |
|  |             |       |    | -5.30  | 11    | 18     |    |       |     |    |    |
|  |             |       |    | 5.12   | 3.5   | 16     |    |       |     |    |    |
| *FSP240-60PLA(ST)                                  | 100-240     | 60-50 | 0  | +3.3R  | 17R   | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +5R    | 16R   | 240 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 12R   |        |    |       |     |    |    |
|  |             |       |    | -12R   | 0.8R  |        |    |       |     |    |    |
|  |             |       |    | -5R    | 0.2R  |        |    |       |     |    |    |
|  |             |       |    | +5VsbR | 2R    |        |    |       |     |    |    |
| *FSP220-60PLA(ST),<br>FSP220-60PLA(SI)             | 100-240     | 60-50 | 0  | +3.3R  | 17R   | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +5R    | 12R   | 220 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 12R   |        |    |       |     |    |    |
|  |             |       |    | -12R   | 0.8R  |        |    |       |     |    |    |
|  |             |       |    | -5R    | 0.2R  |        |    |       |     |    |    |
|  |             |       |    | +5VsbR | 2R    |        |    |       |     |    |    |
| *FSP200-50PLA,<br>FSP200-50PLF,<br>FSP200-50PLA1   | 100-240     | 60-50 | 0  | +3.3R  | 16R   | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +5R    | 12R   | 200 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 12R   |        |    |       |     |    |    |
|  |             |       |    | -12R   | 0.8R  |        |    |       |     |    |    |
|  |             |       |    | +5VsbR | 2R    |        |    |       |     |    |    |
| *FSP180-50PLA1,<br>FSP180-50PLA                    | 100-240     | 60-50 | 0  | +3.3R  | 16.8R | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +5R    | 12R   | 180 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 10R   |        |    |       |     |    |    |
|  |             |       |    | -12R   | 0.8R  |        |    |       |     |    |    |
|  |             |       |    | +5VsbR | 2R    |        |    |       |     |    |    |
| *FSP180-60PLA(SI),<br>FSP180-60PLA(ST)             | 100-240     | 60-50 | 0  | +3.3R  | 17R   | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +5R    | 12R   | 180 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 12R   |        |    |       |     |    |    |
|  |             |       |    | -12R   | 0.8R  |        |    |       |     |    |    |
|  |             |       |    | -5R    | 0.2R  |        |    |       |     |    |    |
|  |             |       |    | +5VsbR | 2R    |        |    |       |     |    |    |
| *FSP180-60PLF                                      | 100-240     | 60-50 | 0  | +3.3R  | 15R   | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +5R    | 10R   | 180 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 12R   |        |    |       |     |    |    |
|  |             |       |    | +5VsbR | 2R    |        |    |       |     |    |    |
| *FSP160-60PLF1                                     | 100-240     | 60-50 | 0  | +3.3R  | 16.8R | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +5R    | 12R   | 160 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 8R    |        |    |       |     |    |    |
|  |             |       |    | -12R   | 0.8R  |        |    |       |     |    |    |
|  |             |       |    | -5R    | 0.2R  |        |    |       |     |    |    |
|  |             |       |    | +5VsbR | 2R    |        |    |       |     |    |    |
| *FSP150-50PLA,<br>FSP150-50PLA1                    | 100-240     | 60-50 | 0  | +3.3R  | 8R    | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +5R    | 12R   | 150 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 10R   |        |    |       |     |    |    |
|  |             |       |    | -12R   | 0.8R  |        |    |       |     |    |    |
|  |             |       |    | -5VsbR | 2R    |        |    |       |     |    |    |
| *FSP150-40AT                                       | 100-240     | 60-50 | 0  | +5R    | 16R   | Max    | 3  | 60950 | 20B | 0  | 1  |
|  |             |       |    | +12R   | 6R    | 150 W  |    |       |     |    |    |
|  |             |       |    | -12R   | 0.8R  |        |    |       |     |    |    |
|  |             |       |    | +5VsbR | 2R    |        |    |       |     |    |    |
| *FSP150-60DL(48V)                                  | 36-72       | —     | 6  | +3.3R  | 10R   | Max    | 3  | 60950 | 20B | 0  | 0  |
|  |             |       |    | +5R    | 14R   | 150 W  |    |       |     |    |    |
|  |             |       |    | +12R   | 4.2R  |        |    |       |     |    |    |
|  |             |       |    | -12R   | 0.3R  |        |    |       |     |    |    |
|  |             |       |    | -5R    | 0.3R  |        |    |       |     |    |    |

| Model No.                       | Rated Input       |       | SC | Output   |  |                                  | OC | SP    | EP  | FC | GC |
|---------------------------------|-------------------|-------|----|--|--|----------------------------------|----|-------|-----|----|----|
|                                 | V                 | Hz    |    | Max V  | Max A                                      | Max VA                           |    |       |     |    |    |
| *FSP150-60DL(24V)               | 18-32             | —     | 6  | +5VsbR<br>+3.3R<br>+5R<br>+12R<br>-12R<br>-5R              | 2R<br>10R<br>14R<br>4.2R<br>0.3R<br>0.3R   | Max<br>150 W                     | 3  | 60950 | 20B | 0  | 0  |
| *FSP100-60DL(24V)               | 18-32             | —     | 6  | +5VsbR<br>+3.3R<br>+5R<br>+12R<br>-12R<br>-5R              | 2R<br>4R<br>13R<br>2.5R<br>0.3R<br>0.3R    | Max<br>100 W                     | 3  | 60950 | 20B | 0  | 0  |
| FSP150-50PL                     | 115/230           | 60/50 | 0  | +5VsbR<br>+5.0<br>+4.1<br>+12.8<br>-12.9<br>+5.1           | 1.5R<br>22.0<br>17.2<br>7.32<br>3.8<br>3.1 | 105<br>51<br>84<br>41<br>14.5    | 3  | 60950 | 20B | 0  | 1  |
| FSP245-50PNA(PF)                | 115/230           | 60/50 | 0  | +3.3R<br>+5R<br>+12R<br>-12R<br>+12R<br>(DC-JACK)          | 8R<br>12R<br>11.2R<br>0.4R<br>0.8R         | Max<br>245 W<br>—<br>—<br>—      | 3  | 60950 | 20B | 0  | 1  |
| FSP215-50PNA(PF)                | 115/230           | 60/50 | 0  | +5sbR<br>+3.3R<br>+5R<br>+12R<br>-12R<br>+12R<br>(DC-JACK) | 2R<br>20R<br>20R<br>11R<br>0.4R<br>0.8R    | —<br>Max<br>215 W<br>—<br>—<br>— | 3  | 60950 | 20B | 0  | 1  |
| ATX-350GU                       | 115/230           | 60/50 | 0  | +5sbR<br>5.36<br>13.34<br>3.35<br>-5.71<br>-14.78          | 2R<br>52<br>25<br>59<br>9.6<br>10          | —<br>Max<br>350 W<br>—<br>—<br>— | 3  | 950   | 20B | 0  | 1  |
| FSP300-60PN(PF),<br>FSP300-60PN | 115/230<br>or 230 | 60/50 | 0  | 5.15<br>12.88<br>3.79<br>-5.59<br>-13.58<br>5.13 (sb)      | 80<br>18<br>84<br>9.6<br>20<br>3.4         | Max<br>300 W<br>—<br>—<br>—<br>— | 3  | 950   | 20B | 0  | 1  |
| FSP350-60PN(PF),<br>FSP350-60PN | 115/230<br>or 230 | 60/50 | 0  | +3.3R<br>+5R<br>+12R<br>-5R<br>-12R<br>+5sbR               | 28R<br>30R<br>16R<br>0.3R<br>0.8R<br>2R    | Max<br>350 W<br>—<br>—<br>—<br>— | 3  | 950   | 20B | 0  | 1  |

\* - (+5V & +3.3V = 145W) (Total output 250W max).  
 \*\* - (+5V & +3.3V = 180W) (Total output 300W max).  
 \*\*\* - (+5V & +3.3V = 220W) (Total output 330W max).  
 \*\*\*\* - (+5V & +3.3V = 220W) (Total output 350W max).  
 (a) - Y may be I, N, T or W.  
 (b) - Z may be I, N, P or T.  
 (c) - +5V and +3.3V = 235W.  
 (d) - Total Output = 400W maximum.  
 (e) - 90 W with 30 CFM forced air cooling; 65 W under natural convection cooling.  
 (f) - (-5V and +3.3V is optional).  
 @ - Indicates optional AC outlet 115/230 47-63 0 115/230 2/1(rated) 0 1950 20B 5 1.  
 R - Rated values.

Marking: Company name (trade-mark or symbol), model designation and Recognized Component Mark for Canada 

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For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.