

Enclosed Case (Cont.)

| Series | Voltage (V) | Output Current (A) | Output Power (W) | Digi-Key Part No. | Price Each 1 10 | TDK-Lambda Part No. | | | |
|--------|------------------------------------|--------------------|------------------|-------------------|-----------------|---------------------|-------------|-------------|-------------|
| JWT | 5 | 13 | 100 | 285-1403-ND | 209.00 204.00 | JWT100-522/A | | | |
| | 12 | 5.5 | | | | | | | |
| | -12 | 1 | | | | | | | |
| | 5 | 13 | | | | | | | |
| | 15 | 4.5 | 100 | 285-1404-ND | 209.00 204.00 | JWT100-5FF/A | | | |
| | -15 | 1 | | | | | | | |
| | DIN Rail Kit for JWS50 and JWS75 | | | | | | 285-1440-ND | 12.50 11.30 | LDIN50/75 |
| | DIN Rail Kit for JWS100 and JWS150 | | | | | | 285-1437-ND | 14.50 13.00 | LDIN100/150 |

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|--|-------------|--------------------|------------------|-------------------|-----------------|---------------------|
| DIN Rail Kit for JWS300 and JWS600 | | | | 285-1439-ND | 65.00 62.00 | LDIN300/600 |
| DIN Rail Kit for HK10A-HK50A | | | | 285-1438-ND | 12.50 11.30 | LDIN30 |
| DIN Rail Bracket for HWS15 and HWS30 | | | | 285-1203-ND | 16.75 15.00 | DIN01 |
| DIN Rail Bracket for HWS50 | | | | 285-1204-ND | 16.75 15.00 | DIN02 |
| DIN Rail Bracket for HWS100 and HWS150 | | | | 285-1205-ND | 20.00 18.50 | DIN03 |

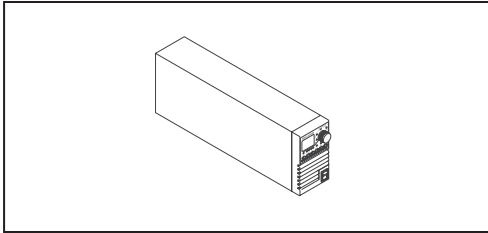
‡ 100/200VAC Input § Peak rating of 120A for 10s
† Peak current and power possible at 170-26VAC input, 10s maximum, 35% duty cycle

ZUP Series Programmable

Features:

- Constant voltage/constant current • Last setting memory • Digital meters
- Built-in RS232 and RS485 interface with GPIB optional • Bench or rack mount
- Embedded microprocessor controller • Voltage up to 120V, current up to 132A

Note: For safety and EMI certifications, please see data sheets.



| Voltage Range (V) | Current Range (A) | Maximum Power (W) | Digi-Key Part No. | Price Each 1 10 | TDK-Lambda Part No. |
|---------------------------------|-------------------|-------------------|-------------------|-----------------|---------------------|
| 0 - 6 | 0 - 33 | 198 | 285-1683-ND | 1043.95 939.12 | ZUP6-33/U |
| 0 - 6 | 0 - 66 | 396 | 285-1684-ND | 1377.02 1239.43 | ZUP6-66/U |
| 0 - 6 | 0 - 132 | 792 | 285-1682-ND | 1949.22 1754.85 | ZUP6-132/U |
| 0 - 10 | 0 - 20 | 200 | 285-1668-ND | 1043.95 939.12 | ZUP10-20/U |
| 0 - 10 | 0 - 40 | 400 | 285-1669-ND | 1377.02 1239.43 | ZUP10-40/U |
| 0 - 10 | 0 - 80 | 800 | 285-1670-ND | 1949.22 1754.85 | ZUP10-80/U |
| 0 - 20 | 0 - 10 | 200 | 285-1673-ND | 1043.95 939.12 | ZUP20-10/U |
| 0 - 20 | 0 - 20 | 400 | 285-1674-ND | 1377.02 1239.43 | ZUP20-20/U |
| 0 - 20 | 0 - 40 | 800 | 285-1675-ND | 1949.22 1754.85 | ZUP20-40/U |
| 0 - 36 | 0 - 6 | 216 | 285-1678-ND | 1043.95 939.12 | ZUP36-6/U |
| 0 - 36 | 0 - 12 | 432 | 285-1676-ND | 1377.02 1239.43 | ZUP36-12/U |
| 0 - 36 | 0 - 24 | 864 | 285-1677-ND | 1949.22 1754.85 | ZUP36-24/U |
| 0 - 60 | 0 - 7 | 420 | 285-1681-ND | 1377.02 1239.43 | ZUP60-7/U |
| 0 - 60 | 0 - 14 | 840 | 285-1679-ND | 1949.22 1754.85 | ZUP60-14/U |
| 0 - 80 | 0 - 2.5 | 200 | 285-1685-ND | 1043.95 939.12 | ZUP80-2.5/U |
| 0 - 80 | 0 - 5 | 400 | 285-1686-ND | 1377.02 1239.43 | ZUP80-5/U |
| 0 - 120 | 0 - 1.8 | 216 | 285-1671-ND | 1043.95 939.12 | ZUP120-1.8/U |
| 0 - 120 | 0 - 3.6 | 432 | 285-1672-ND | 1377.02 1239.43 | ZUP120-3.6/U |
| RS232 Communications Cable DB-9 | | | 285-1666-ND | 37.13 34.00 | ZUP/NC401 |
| RS485 Communications Cable DB-9 | | | 285-1667-ND | 37.13 34.00 | ZUP/NC402 |

Front End Switching

Features:

TH Series: • 1U high • Up to 10,000W in 19" rack • Hot swap capable • High efficiency

TL Series: • 2U high • Up to 12,500W in 19" rack • Hot swap capable • >90% efficiency • Full power at 65°C ambient

FPS1000 Series: • 1U high • Up to 3000W (3 units) in 19" rack • Hot swap capable (ORing diodes built in) • Low cost • PoE option

Note: For safety and EMI certifications, please see series data sheets.

Fig. 1 - TH Series

Fig. 2 - TL Series

Fig. 3 - FPS1000 Series

| Fig. | Output Voltage (V) | Output Current (A) | Maximum Power (W) | Digi-Key Part No. | Price Each 1 10 | TDK-Lambda Part No. |
|------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------------|
| 1 | 12 | 100 | 1200 | 285-1639-ND§ | 915.00 865.00 | TH120012 |
| | 24 | 50 | 1250 | 285-1640-ND | 860.00 810.01 | TH120024 |
| | 48 | 25 | 1250 | 285-1641-ND | 840.00 790.00 | TH120048 |
| | 48 | 40 | 2000 | 285-1642-ND | 1200.00 1150.01 | TH200048 |
| 2 | 24 | 40 | 1000 | 285-1645-ND | 800.00 760.00 | TL100024 |
| | 48 | 20 | 1000 | 285-1646-ND | 800.00 760.00 | TL100048 |
| 3 | 24 | 40 | 960 | 285-1237-ND | 600.00 525.00 | FPS100024 |

| Fig. | Output Voltage (V) | Output Current (A) | Maximum Power (W) | Digi-Key Part No. | Price Each 1 10 | TDK-Lambda Part No. |
|-----------------------------------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------------|
| 3 | 32 | 31 | 992 | 285-1238-ND | 600.00 525.00 | FPS100032 |
| | 48 | 21 | 1008 | 285-1239-ND | 600.00 525.00 | FPS100048 |
| 19" Rack for THRPB Blanking Panel | | | | 285-1643-ND | 660.00 630.00 | THR4 |
| 19" Rack for TLRPB Blanking Panel | | | | 285-1644-ND | 140.00 132.00 | THRBP |
| 3 Slot Rack for FPS1000 | | | | 285-1647-ND | 490.00 465.01 | TLR5 |
| | | | | 285-1648-ND | 95.00 90.00 | TLRBP |
| | | | | 285-1240-ND | 640.00 560.01 | FPSS1U |

§ Use rack model THR400

AC/DC PCB Mount

Features: **KM Series:** • Small size and lightweight • PC board mountable • Wide Range Input • Medical Safety Certifications (4kVAC Input-Output) • Class II (No ground needed) **KW Series:** • Small size and lightweight • PC board mountable • -10°C ~ 70°C continuous operation • 85 ~ 265VAC wide range input • Convection cooled **PFE500/700 Series:** • Low profile, small size • 100°C baseplate temperature • High power density • High efficiency

Note: For safety and EMI certifications, please see series data sheets.

Fig. 1 - KM Series

Medical Approved

Fig. 2 - KW Series

Fig. 3 - PFE500/700 Series

| Fig. | Output Voltage (V) | Output Current (A) | Power (W) | Digi-Key Part No. | Price Each 1 10 | TDK-Lambda Part No. | |
|---|---|--------------------|-----------|-------------------|-----------------|---------------------|-------------|
| Single Output - Medical Approved | | | | | | | |
| 1 | 3.3 | 3 | 9.9 | 285-1782-ND | 49.62 37.00 | KMS15-3P3 | |
| | 3.3 | 8 | 26.4 | 285-1783-ND | 74.62 55.00 | KMS40-3P3 | |
| | 5 | 3 | 15 | 285-1765-ND | 49.34 43.54 | KMS15-5 | |
| | 5 | 8 | 40 | 285-1767-ND | 74.62 55.00 | KMS40-5 | |
| | 12 | 1.25 | 15 | 285-1763-ND | 49.62 37.00 | KMS15-12 | |
| | 12 | 3.33 | 40 | 285-1757-ND | 74.62 55.00 | KMS40-12 | |
| | 15 | 2.67 | 40 | 285-1766-ND | 74.62 55.00 | KMS40-15 | |
| | 15 | 1 | 15 | 285-1764-ND | 49.62 37.00 | KMS15-15 | |
| | 24 | 0.62 | 15 | 285-1756-ND | 49.62 37.00 | KMS15-24 | |
| | 24 | 1.67 | 40 | 285-1758-ND | 74.62 55.00 | KMS40-24 | |
| Dual Output - Medical Approved | | | | | | | |
| 1 | ±5 | 1.5 | 15 | 285-1779-ND | 53.85 40.00 | KMD15-55 | |
| | ±5 | 4 | 40 | 285-1774-ND | 80.00 59.00 | KMD40-55 | |
| | ±12 | 0.62 | 15 | 285-1759-ND | 53.85 40.00 | KMD15-1212 | |
| | ±12 | 1.66 | 40 | 285-1761-ND | 80.00 59.00 | KMD40-1212 | |
| | ±15 | 0.50 | 15 | 285-1760-ND | 53.85 40.00 | KMD15-1515 | |
| | ±15 | 1.33 | 40 | 285-1762-ND | 80.00 59.00 | KMD40-1515 | |
| | 5/12 | 1.25 | 40 | 285-1780-ND | 80.00 59.00 | KMD40-512 | |
| | 5/24 | 0.62 | 40 | 285-1781-ND | 80.00 59.00 | KMD40-524 | |
| | Triple Output - Medical Approved | | | | | | |
| | 1 | 5/±12 | 0.20 | 15 | 285-1775-ND | 70.00 51.50 | KMT15-51212 |
| 5/±12 | | 0.60 | 40 | 285-1777-ND | 95.00 70.00 | KMT40-51212 | |
| 5/±15 | | 0.15 | 15 | 285-1776-ND | 70.00 51.50 | KMT15-51515 | |
| 5/±15 | | 0.50 | 40 | 285-1778-ND | 95.00 70.00 | KMT40-51515 | |

| Fig. | Output Voltage (V) | Output Current (A) | Power (W) | Digi-Key Part No. | Price Each 1 10 | TDK-Lambda Part No. |
|----------------------|--------------------|--------------------|-----------|-------------------|-----------------|---------------------|
| Single Output | | | | | | |
| 2 | 5 | 1 | 5 | 285-1436-ND | 51.00 47.00 | KWS5-5 |
| | 5 | 2 | 10 | 285-1430-ND | 65.00 59.00 | KWS10-5 |
| | 5 | 3 | 15 | 285-1433-ND | 76.00 70.00 | KWS15-5 |
| | 12 | 0.45 | 5 | 285-1434-ND | 51.00 47.00 | KWS5-12 |
| | 12 | 0.9 | 10 | 285-1428-ND | 65.00 59.00 | KWS10-12 |
| | 12 | 1.3 | 15 | 285-1431-ND | 76.00 70.00 | KWS15-12 |
| | 15 | 0.35 | 5 | 285-1435-ND | 51.00 47.00 | KWS5-15 |
| | 15 | 0.7 | 10 | 285-1429-ND | 65.00 59.00 | KWS10-15 |
| | 15 | 1 | 15 | 285-1432-ND | 76.00 70.00 | KWS15-15 |
| | 3 | 12 | 33 | 396 | 285-1493-ND | 273.00 245.00 |
| 28 | | 18 | 504 | 285-1494-ND | 273.00 245.00 | PFE500S-28 |
| 48 | | 10.5 | 504 | 285-1495-ND | 273.00 245.00 | PFE500S-48 |
| 51 | | 14 | 714 | 285-1496-ND | 298.00 265.01 | PFE700S-48 |
| Dual Output | | | | | | |
| 2 | ±12 | ±0.22 | 5 | 285-1426-ND | 58.00 53.00 | KWD5-1212 |
| | ±12 | ±0.45 | 10 | 285-1422-ND | 73.00 67.00 | KWD10-1212 |
| | ±12 | ±0.65 | 15 | 285-1424-ND | 86.00 79.00 | KWD15-1212 |
| | ±15 | ±0.18 | 5 | 285-1427-ND | 58.00 53.00 | KWD5-1515 |
| | ±15 | ±0.36 | 10 | 285-1423-ND | 73.00 67.00 | KWD10-1515 |
| | ±15 | ±0.52 | 15 | 285-1425-ND | 86.00 79.00 | KWD15-1515 |



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