

Your Reliable Choice of Power

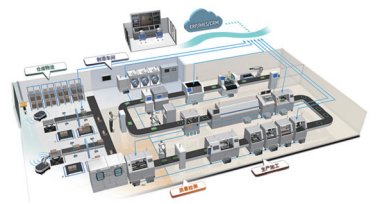


POWERLTD[®]



Powerltd Enterprises Co.,Ltd

Company Profile



Started the transformation of intelligent workshop and identified as the SRDI (Specialized, Refinement, Differential, Innovation) small and medium-sized enterprise



Guangxi factory put into operation, covering an area of 53000m²



approved by TUV ISO9001
approved by TUV ISO14001



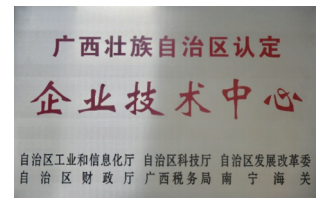
Founded in Beijing



Set up production base and R&D center in Shenzhen



successfully identified as the National High-tech Enterprise



set up Guangzhou R&D center, received many honored titles



Competitiveness



Product

Full range - 2000+ models have been designed based on professional platform since 1991.



Quality

Reliable quality - we provide stable quality products to global customers over the past years.



Customization

Customized design – we design as per customer's special request by professional R&D teams.



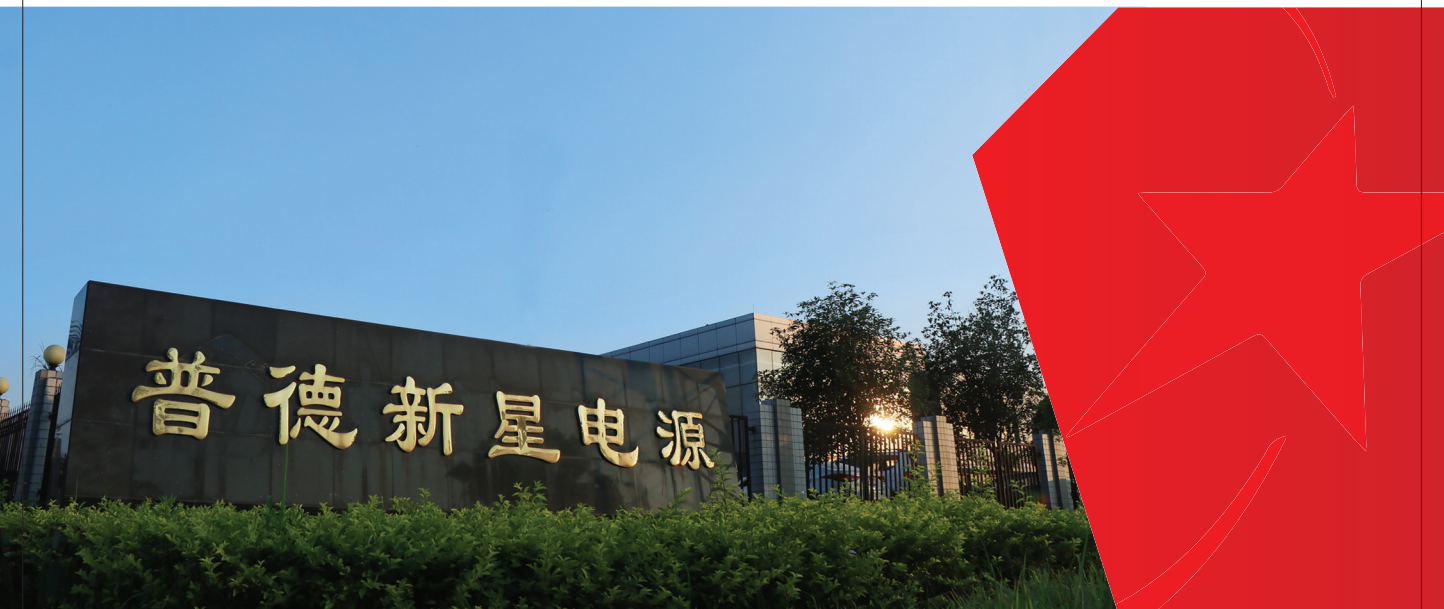
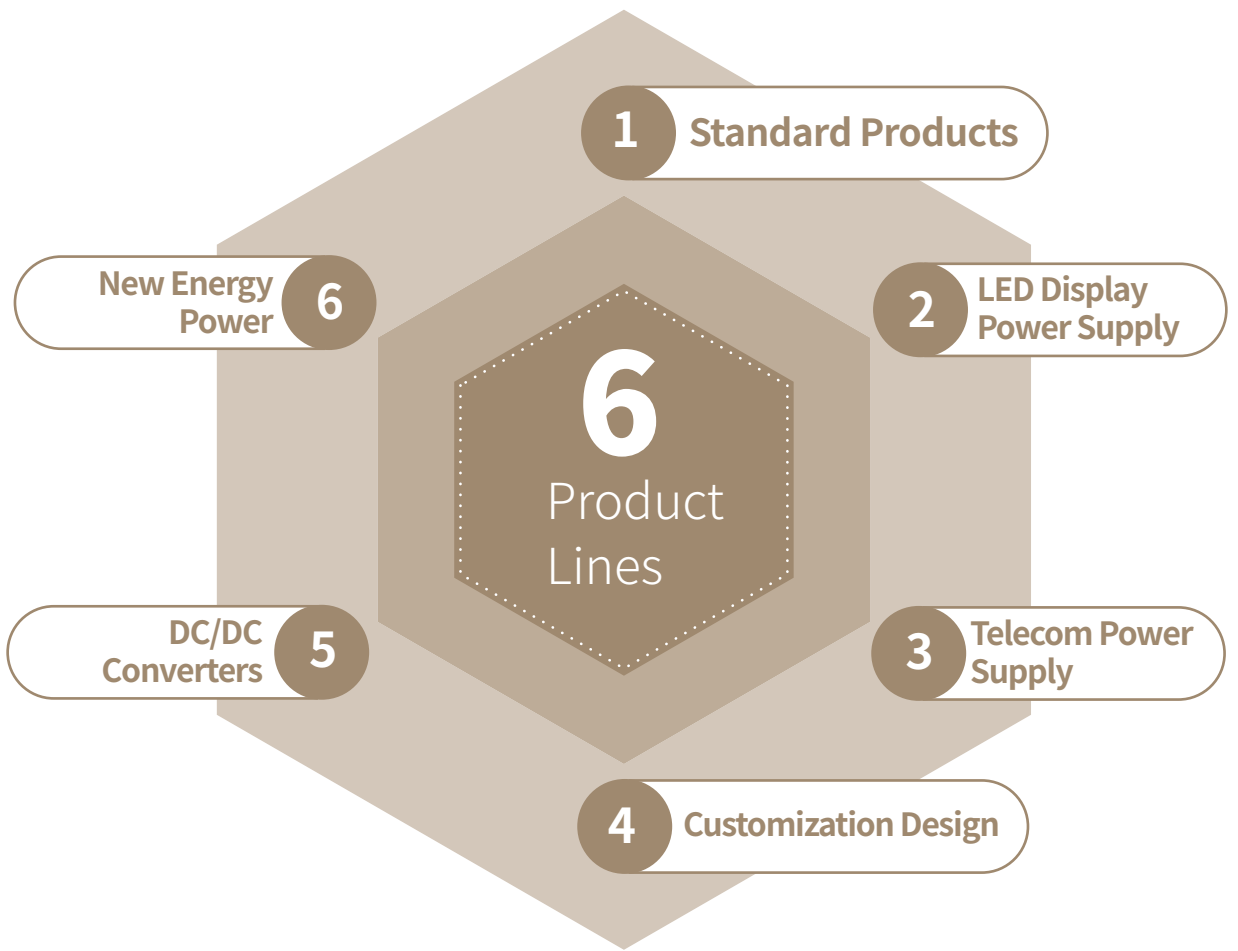
Cooperation

Flexible cooperation - customers can get flexible business and technical cooperation with us.



Response

Fast response - customers can get fast response and easy access to technical engineers.



INDEX

AC/DC Standard

★ Standard Economy

| | | |
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★ Standard Enclosed

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Telecom Power Supply

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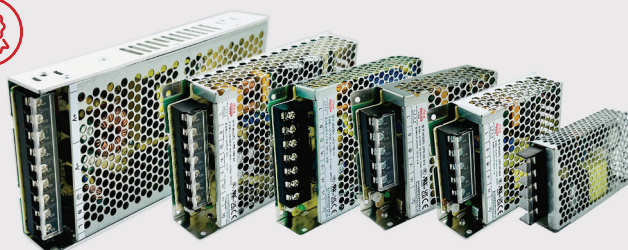
New Energy Power



Bidirectional

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LPD Series



LPD-200 LPD-150 LPD-100
LPD-50-S LPD-35-S LPD-U25



LPD-350S
LPD-350



CB



CE

FC

C

UL

US

E232347

TÜV

OERT

Features

- No load power consumption < 0.5W
- Wide ambient temperature range -20~70°C
- Output protections: OLP/SCP
- All using 105°C long life electrolytic capacitors
- 100% full load burn-in test
- High efficiency, long life and high reliability
- 2 years warranty

Specifications

| Model | LPD-U25 | LPD-35-S | LPD-50-S | LPD-100 | LPD-150 | LPD-200 | LPD-350 | LPD-350S |
|-------------------------|-------------|-------------|--------------|-------------|---------------|--------------------------|--------------------------|--------------------------|
| Input Voltage | 90~264VAC | 90~264VAC | 90~264VAC | 90~264VAC | 90~264VAC | 90~132VAC/ 180~264VAC | 90~132VAC/ 180~264VAC | 90~132VAC/ 180~264VAC |
| Output Voltage /Current | 5V, 0~5A | 5V, 0~7A | 5V, 0~10A | 5V, 0~18A | 12V, 0~12.5A | 12V, 0~16.6A | 12V, 0~29.17A | 12V, 0~29.17A |
| | 12V, 0~2.1A | 12V, 0~3A | 12V, 0~4.2A | 12V, 0~8.5A | 15V, 0~10A | 24V, 0~8.3A | 24V, 0~14.58A | 24V, 0~14.58A |
| | 15V, 0~1.7A | 15V, 0~2.4A | 15V, 0~3.4A | 15V, 0~7A | 24V, 0~6.25A | 36V, 0~5.56A | 36V, 0~9.72A | 48V, 0~7.29A |
| | 24V, 0~1.1A | 24V, 0~1.5A | 24V, 0~2.1A | 24V, 0~4.5A | 36V, 0~4.15A | 48V, 0~4.17A | 48V, 0~7.29A | |
| | 48V, 0~0.5A | 36V, 0~1A | 36V, 0~1.45A | 36V, 0~3A | 48V, 0~3.125A | | | |
| | 48V, 0~0.8A | 48V, 0~1.1A | 48V, 0~2.3A | | | | | |
| Dimension (mm) | 79x51x28.8 | 99x82x30 | 99x82x30 | 129x97x30 | 159x97x30 | 190x99x30 | 190x99x30 | 191x99x30 |
| Certificate | / | UL/CB/CE | UL/CB/CE | UL/CB/CE | UL/CB/CE | / | / | UL/CB/CE |



LPD-H100-27
LPD-H72-S12

LPD-H72-S24
LPD-H60-S12

LPD-H600-48II
LPD-H600-24

LPD-H600S-36II
LPD-H350S-24II

LPD-H600-36
LPD-H350S-12II



★ Features

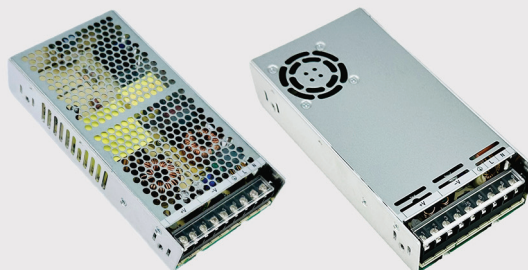
- No load power consumption < 0.5W
- Wide ambient temperature range -20~70°C
- Output protections: OLP/SCP
- 100% full load burn-in test
- All using 105°C long life electrolytic capacitors
- High efficiency, long life and high reliability
- 2 years warranty

★ Specifications

| Model | LPD-H60-S | LPD-H75-S | LPD-H150 | LPD-H350S | LPD-H600 |
|------------------------|--------------|--------------|---------------|---------------|--------------|
| Input Voltage | 176~264VAC | 176~264VAC | 176~264VAC | 180~264VAC | 180~264VAC |
| Output Voltage/Current | 12V, 0~5A | 12V, 0~6.25A | 12V, 0~12.5A | 12V, 0~29.17A | 24V, 0~25A |
| | 15V, 0~4A | 15V, 0~5A | 24V, 0~6.25A | 24V, 0~14.58A | 36V, 0~16.7A |
| | 18V, 0~3.33A | 18V, 0~4.16A | 36V, 0~4.15A | 36V, 0~9.72A | 48V, 0~12.5A |
| | 24V, 0~2.5A | 24V, 0~3.12A | 48V, 0~3.125A | 48V, 0~7.29A | |
| | 36V, 0~1.6A | 36V, 0~2.08A | | | |
| | 48V, 0~1.25A | 48V, 0~1.56A | | | |
| Dimension(mm) | 99x82x30 | 99x82x30 | 159x97x30 | 191x99x30 | 215x115x50 |
| Certificate | / | UL/CB/CE | / | UL/CB | / |

Note: LPD-H600 outputs constant current at OCP, suitable for industries with impact load such as industrial control.

LPF Series



LPF-200

LPF-350-24

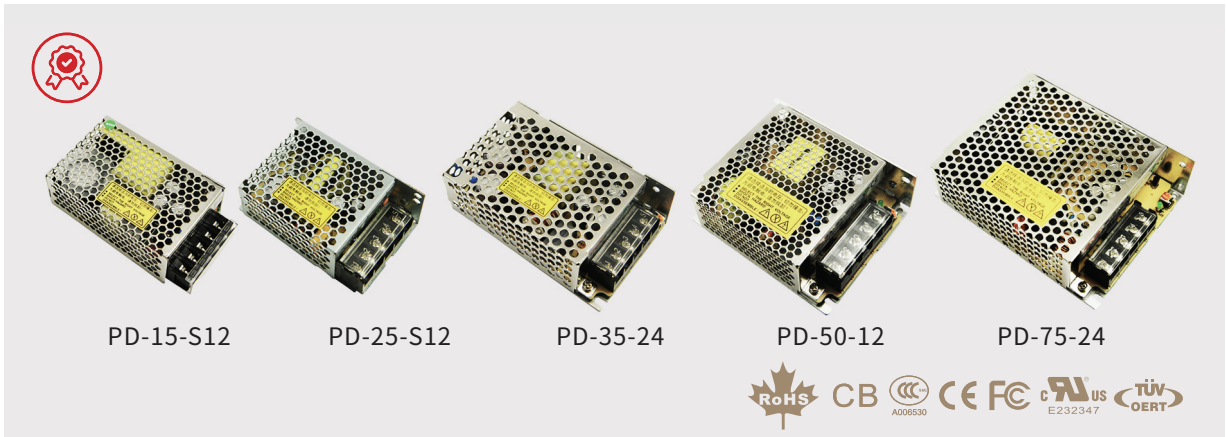


★ Features

- No load power consumption < 0.5W
- Wide ambient temperature range -30~70°C
- Output protections: OLP/OVP/OTP/SCP
- Built-in active PFC function
- All using 105°C long life electrolytic capacitors
- 100% full load burn-in test
- High efficiency, long life and high reliability
- 2 years warranty

★ Specifications

| Model | LPF-200 | LPF-350 |
|------------------------|--------------|---------------|
| Input Voltage | 88~264VAC | 88~264VAC |
| Output Voltage/Current | 12V, 0~16.7A | 12V, 0~29.2A |
| | 24V, 0~8.3A | 24V, 0~14.58A |
| | 36V, 0~5.55A | 27V, 0~12.97A |
| | 48V, 0~4.17A | 36V, 0~9.7A |
| | | 48V, 0~7.3A |
| Dimension(mm) | 190x99x30 | 190x99x30 |
| Certificate | UL/CB/CE | UL/CB/CE |



★ Features

- No load power consumption < 0.5W
- Wide ambient temperature range -20~70°C
- Output protections: OLP/OVP /SCP
- 2 years warranty
- All using 105°C long life electrolytic capacitors
- 100% full load burn-in test
- High efficiency, long life and high reliability

★ Specifications

| Model | PD-15 | PD-25-S | PD-35 | PD-50 | PD-75 |
|------------------------|-------------|-------------|---------------|--------------|-------------|
| Input Voltage | 90~264VAC | 90~264VAC | 88~264VAC | 88~264VAC | 88~264VAC |
| Output Voltage/Current | 3.3V, 0~4A | 3.3V, 0~5A | 5V, 0~6A | 5V, 0~8A | 5V, 0~12A |
| | 5V, 0~3A | 5V, 0~5A | 12V, 0~3A | 12V, 0~4.2A | 12V, 0~6A |
| | 12V, 0~1.3A | 12V, 0~2.1A | 15V, 0~2.4A | 15V, 0~3.4A | 15V, 0~5A |
| | 15V, 0~1A | 15V, 0~1.6A | 24V, 0~1.5A | 24V, 0~2.2A | 24V, 0~3.2A |
| | 24V, 0~0.7A | 24V, 0~1.1A | 48V, 0~0.76A | 48V, 0~1.12A | 48V, 0~1.6A |
| Dimension(mm) | 79x51x28 | 79x51x28.8 | 101.6x63.5x33 | 99x82x35 | 129x98x38 |
| Certificate | UL/CB/CE | UL/CB/CE | UL/CB/CE | UL/CB/CE | UL/CB/CE |

PDF Series



PDF-150-24 PDF-350-13.8 PDF-500 PDF-500L-12 PDF-500L-27.5 PDF-500L-39
 PDF-350-24 PDF-600L-24 PDF-500L-C24 PDF-800-24



★ Features

- Universal AC input/ Full range
- Wide ambient temperature range -25~70°C
- Output protections: OLP/OVP /SCP
- Built-in active PFC function, PF>0.95
- All using 105°C long life electrolytic capacitors
- 100% full load burn-in test
- High efficiency, long life and high reliability
- 2 years warranty

★ Specifications

| Model | PDF-150 | PDF-350 | PDF-500 | PDF-500L |
|------------------------|--------------|--------------|----------------|--|
| Input Voltage | 85~264VAC | 90~264VAC | 88~264VAC | 90~264VAC |
| Output Voltage/Current | 12V, 0~12.5A | 12V, 0~25A | 12V, 0~41.7A | 12V, 0~42A (176~264VAC); 12V, 0~35A (90~176VAC) |
| | 24V, 0~6.3A | 24V, 0~14.6A | 15V, 0~33.3A | 24V, 0~21A |
| | 36V, 0~4.1A | 36V, 0~9.7A | 24V, 0~21A | 27.5V, 0~18A (176~264VAC); 27.5V, 0~17.5A (176~264VAC) |
| | 48V, 0~3.2A | 48V, 0~7.3A | 27.5V, 0~18.2A | 39V, 0~12.8A |
| | | 48V, 0~10.5A | 48V, 0~10.5A | |
| Dimension(mm) | 194x99x50 | 199x99x50 | 170x120x83.5 | 218x116.5x40.7 |
| Certificate | UL/CB/CE | CE | CE | UL/CB/CE |

| Model | PDF-600 | PDF-600-C | PDF-800 | PDF-800-C |
|------------------------|--------------|--|----------------|--|
| Input Voltage | 90~264VAC | 90~264VAC | 90~264VAC | 90~264VAC |
| Output Voltage/Current | 12V, 0~42A | 12V, 0~50A (176~264VAC); 12V, 0~35A (90~176VAC) | 24V, 0~33A | 12V, 0~67A (176~264VAC); 12V, 0~54A (90~176VAC) |
| | 24V, 0~26.5A | 24V, 0~25A (176~264VAC); 24V, 0~20A (90~176VAC) | 36V, 0~22A | |
| | 27V, 0~23A | 48V, 0~12.5A (176~264VAC); 48V, 0~10A (90~176VAC) | 48V, 0~16.5A | |
| | 36V, 0~17.5A | | | |
| | 48V, 0~13.6A | | | |
| Dimension(mm) | 218x116.5x41 | 218x116.5x40.7 | 226x116.5x40.5 | 226x116.5x41 |
| Certificate | UL/CB/CE | UL/CB/CE | UL/CB/CE | / |



★ Features

- Built-in active PFC function, PF>0.96
- Using ZVS technology to reduce power dissipation
- Output protection: OVP/OLP/SCP/OTP
- Built-in fan speed control
- Built-in AC inrush current limiting circuit (<20A)
- Build-in constant current limiting circuit
- Built-in Remote Sense Function
- Build-in DC OK signal
- Wide operating ambient temperature
- PCB soldering sides with conformal coating

★ Specifications

| Model | PDF-1000 | PDF-1200 | PDF-1500 | PDF-3000 |
|------------------------|--|--|---|---|
| Input Voltage | 90~264VAC | 90~264VAC | 180~264VAC; 90~264VAC (48V) | |
| Output Voltage/Current | 24V, 0~42A (176~264VAC); 24V, 0~21A (90~176VAC) | 24V, 0~50A (176~264VAC); 24V, 0~25A (90~176VAC) | 12V, 0~125A | 48V, 0~31.25A (90~174VAC); 48V, 0~62.5A (175~264VAC) |
| | 48V, 0~21A | 36V, 0~34A (176~264VAC); 36V, 0~15A (90~176VAC) | 15V, 0~100A | |
| | | 48V, 0~25A | 24V, 0~62.5A | |
| | | | 48V, 0~31.25A (176~264VAC); 48V, 0~15.625A (90~175Vac) | |
| Dimension(mm) | 226x116.5x41 | 226x116.5x41 | 278x177.8x63 226x116.5x41(48V) | 295x127x63 |
| Certificate | / | / | / | / |

GK-H Series



GK-H600S12C
GK-H600S24C

GK-H400S24II

GK-H350S24II
GK-H350S27II

GK-H200S36C

GK-H150S24
GK-H150S24II

GK-H100S24

★ Features

- Wide ambient temperature range -20~60°C
- Output protections: OLP/ SCP
- All using 105°C long life electrolytic capacitors
- 100% full load burn-in test
- High efficiency, long life and high reliability
- 2 years warranty

★ Specifications

| Model | GK-H100S | GK-H150S | GK-H200S | GK-H350S | GK-H400S | GK-H600S |
|------------------------|-------------|-------------|-------------|--------------|--------------|--------------|
| Input Voltage | 176~264VAC | 176~264VAC | 180~264VAC | 180~264VAC | 180~264VAC | 180~264VAC |
| Output Voltage/Current | 24V, 0~4.5A | 12V, 0~10A | 24V, 0~8.3A | 24V, 0~14.6A | 24V, 0~16.7A | 12V, 0~50A |
| | | 15V, 0~8A | 36V, 0~5.5A | 36V, 0~9.7A | | 24V, 0~25A |
| | | 24V, 0~6.5A | 48V, 0~4A | | | 36V, 0~16.7A |
| | | | | | | 48V, 0~12.5A |
| Dimension(mm) | 129x98.3x38 | 160x99x38 | 199x99x50 | 199x99x50 | 226.5x115x50 | 226.5x115x50 |
| Certificate | / | / | / | / | / | / |

Note: GK-H100S, GK-H200S, GK-H350S, GK-H400S and GK-H600S output constant current at OCP, suitable for load with impact (capacitive, inductive and other loads).



GK-LH600S24C

GK-LH600S48C

GK-LH600S100

GK-LH350S24CIV

GKF-150-24

★ Features

- AC input range selectable by switch
- Wide ambient temperature range -20~70°C
- Output protections: OLP/ OCP/ SCP
- All using 105°C long life electrolytic capacitors
- 100% full load burn-in test
- High efficiency, long life and high reliability
- 2 years warranty

★ Specifications

| Model | GK-L/H150S | GK-L/H350S | GK-L/H600S |
|------------------------|----------------------|----------------------|----------------------|
| Input Voltage | 90~132VAC/176~264VAC | 90~132VAC/180~264VAC | 90~132VAC/180~264VAC |
| Output Voltage/Current | 12V, 0~10A | 24V, 0~14.6A | 24V, 0~25A |
| | 24V, 0~6.25A | 36V, 0~9.7A | 36V, 0~16.7A |
| | | 48V, 0~7.3A | 48V, 0~12.5A |
| | | | 100V, 0~6A |
| Dimension(mm) | 160x99x38 | 199x99x50 | 226.5x115x50 |
| Certificate | / | / | / |

Note: GK-L/H350S and GK-L/H600S output constant current at OCP, suitable for load with impact (capacitive, inductive and other loads).

GKF Series



GKF-100-12

GKF-150-24

GKF-200-48

GKF-320-24II

GKF-320-72

GKF-600-27.5



★ Features

- Universal AC input range
- Built-in Active PFC function, PF>0.95
- High efficiency, long life and high reliability
- Withstand 300VA surge input for 3s.
- Output protections: OLP/SCP/OPP
- Wide operating ambient temperature
- Operating altitude up to 5000m
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- Suitable for critical applications
- 2 years warranty

★ Specifications

| Model | GKF-100 | GKF-150 | GKF-200 | GKF-320 | GKF-600 |
|------------------------|---------------|---------------|---------------|---------------|--------------|
| Input Voltage | 90~264VAC | 90~264VAC | 90~264VAC | 90~264VAC | 88~264VAC |
| Output Voltage/Current | 12V, 0~8.5A | 12V, 0~12.5A | 12V, 0~16.7A | 12V, 0~25A | 24V, 0~25A |
| | 24V, 0~4.2A | 15V, 0~10A | 24V, 0~8.4A | 24V, 0~13A | 36V, 0~16.7A |
| | 48V, 0~2.2A | 24V, 0~6.3A | 36V, 0~5.6A | 36V, 0~8.9A | 48V, 0~12.5A |
| | | 48V, 0~3.2A | 48V, 0~4.2A | 48V, 0~6.7A | |
| Dimension(mm) | 129x98.3x37.6 | 160x99x38 | 199x99x50 | 199x99x50 | 170x120x83.5 |
| Certificate | UL/CB/CE/UKCA | UL/CB/CE/UKCA | UL/CB/CE/UKCA | UL/CB/CE/UKCA | CE |

Note: GK-H100S, GK-H200S, GK-H350S, GK-H400S and GK-H600S output constant current at OCP, suitable for load with impact (capacitive, inductive and other loads).



★ Features

- Universal AC input range
- Built-in Active PFC function, PF>0.95
- High efficiency, long life and high reliability
- Output protections: OLP/SCP/OPP
- Wide operating ambient temp (-20°C~65°C)
- Operating altitude up to 5000M
- 100% full load burn-in test
- Easy assembling from top sides
- PCB soldering sides with conformal coating
- Suitable for critical applications
- 2 years warranty

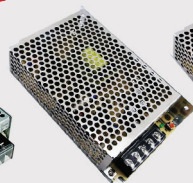
★ Specifications

| Model | PWF-100L | PWF-150L | PWF-200 | PWF-200L |
|------------------------|--------------|--------------|--------------|--------------|
| Input Voltage | 85~264VAC | 85~264VAC | 90~264VAC | 90~264VAC |
| Output Voltage/Current | 12V, 0~8.5A | 12V, 0~12.5A | 12V, 0~16.7A | 12V, 0~16.7A |
| | 24V, 0~4.2A | 24V, 0~6.3A | 24V, 0~8.4A | 24V, 0~8.4A |
| | 36V, 0~2.75A | 48V, 0~3.2A | 48V, 0~4.2A | 48V, 0~4.2A |
| | 48V, 0~2.15A | | | |
| Dimension(mm) | 199x99x38 | 199x99x38 | 199x99x50 | 199x99x38 |
| Certificate | UL/CB/CE | UL/CB/CE | UL/CB/CE | UL/CB/CE |

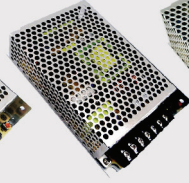
ABS Series



ABS-15-12



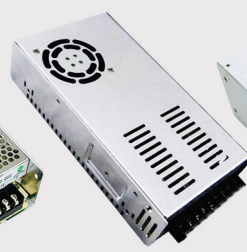
ABS-75



ABS-100



ABS-150-48



ABS-350



ABS-1500-7

★ Features

- No Load power consumption < 0.5W
- High working temperature to 70°C
- Output protections: OLP/SCP
- All using 105°C long life electrolytic capacitors
- 100% full load burn-in test
- High efficiency, long life and high reliability
- 2 years warranty

★ Specifications

| Model | ABS-15 | ABS-75 | ABS-100 | ABS-150 |
|------------------------|-------------|-------------|-------------------------|--------------------------|
| Input Voltage | 90~264VAC | 90~264VAC | 90~132VAC / 176~264 VAC | 90~132 VAC / 176~264 VAC |
| Output Voltage/Current | 5V, 0~3A | 5V, 0~12A | 5V, 0~16A | 5V, 0~24A |
| | 12V, 0~1.3A | 12V, 0~6A | 12V, 0~8.5A | 12V, 0~12.5A |
| | 24V, 0~0.7A | 24V, 0~3.2A | 24V, 0~4.5A | 24V, 0~6.25A |
| | | 48V, 0~1.6A | 48V, 0~2.3A | 48V, 0~3.15A |
| Dimension(mm) | 79x51x28.8 | 160x98.3x38 | 160x99x38 | 199x98.3x38 |
| Certificate | CE | CE | / | UL/CE |

| Model | ABS-350-Z | ABS-1500 |
|------------------------|--------------------------|------------------------------------|
| Input Voltage | 90~132 VAC / 180~264 VAC | 180~264 VAC |
| Output Voltage/Current | 12V, 0~29A | 5V, 0~200A |
| | 24V, 0~14.6A | 7V, 0~200A |
| | 36V, 0~9.7A | 12V, 0~1255A |
| | 48V, 0~7.3A | |
| Dimension(mm) | 215*115*50 | 278*177.8*63mm (without terminals) |
| Certificate | / | / |

Note: ABS-350-Z and ABS-1500 are built in fan. ABS-1500 is built in active PFC function and DC-OK signal.



★ Features

- Universal AC input range
- 300Vac surge for 3 seconds
- High efficiency, long life and high reliability
- Output protections: OVP/OLP/SCP
- Wide operating ambient temp (-25°C~70°C)
- Can be installed on TS-35/7.5 or 35/15
- 100% full load burn-in test
- PCB with conformal coating
- Suitable for critical applications
- Cooling by free air convection
- 2 years warranty

★ Specifications

| Model | DG-15-S | DG-30-S | DG-60-S | DG-75 | DG-120 | DG-240 | DG-240S | DG-360 | DG-480 |
|------------------------|----------------|----------------|----------------|-------------|--------------|-------------|--------------|-------------|-------------|
| Input Voltage | 90~264 VAC | 90~264 VAC | 90~264 VAC | 85~264 VAC | 85~264 VAC | 85~264 VAC | 85~264 VAC | 85~264 VAC | 85~264 VAC |
| Output Voltage/Current | 12V, 0~1.25A | 12V, 0~2.5A | 12V, 0~5A | 12V, 0~6.3A | 12V, 0~8.33A | 24V, 0~10A | 12V, 0~17A | 24V, 0~15A | 24V, 0~20A |
| | 24V, 0~0.65A | 24V, 0~1.25A | 24V, 0~2.5A | 24V, 0~3.2A | 24V, 0~5A | 48V, 0~5A | 24V, 0~10A | 36V, 0~10A | 48V, 0~10 |
| | | | | 48V, 0~1.6A | 48V, 0~2.5A | | 36V, 0~6.66A | 48V, 0~7.5A | |
| | | | | | | | 48V, 0~5A | | |
| Dimension (mm) | 32x103.7 x97.5 | 32x103.7 x97.5 | 32x103.7 x97.5 | 32x124 x119 | 32x124 x119 | 45x124 x119 | 32x124 x119 | 50x124 x127 | 70x124 x127 |
| Certificate | CE | CE | CE | UL/CB/CE | UL/CB/CE | UL/CB/CE | / | / | UL/CB/CE |

Features for models over 60W:

- Support 1+1 or N+1 redundant system (except DG-240S series)
- Built-in active PFC, PF>0.95
- Built-in current sharing function (except DG-240S series)
- Built-in current limiting circuit (except DG-240S series)
- 150% peak load capacity
- Built-in DC OK relay contact

DG-U Series



DG-U75-S24



DG-U120S-24



DG-U120S24II



DG-U240S24

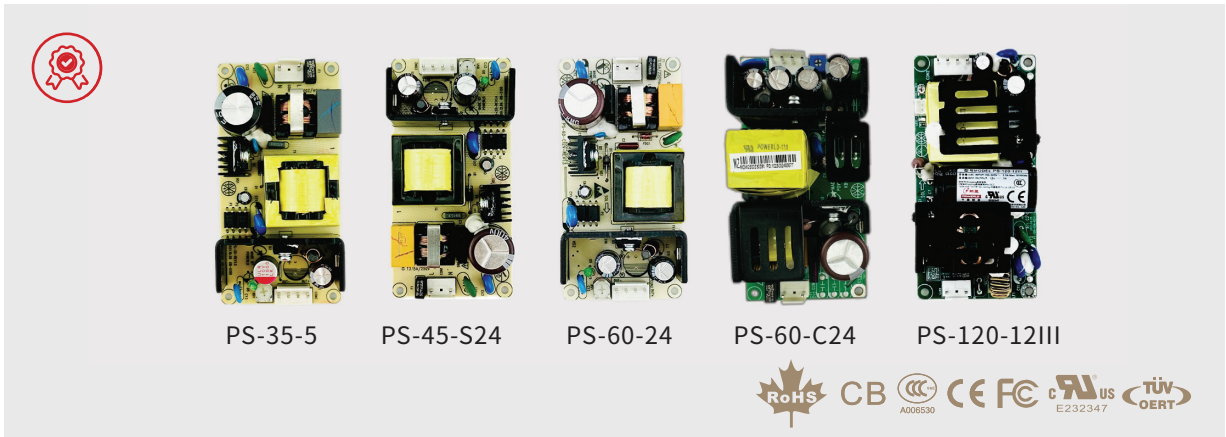


★ Features

- Universal AC input range (90~264Vac)
- Built-in current limiting circuit (except DG-U120S-seires)
- Built-in DC OK function
- Output protections: OVP/OLP/SCP/OTP
- Wide operating ambient temp
- High efficiency, long life and high reliability
- Can be installed on TS-35/7.5 or TS-35/15
- 100% full load burn-in test
- Suitable for critical applications
- 2 years warranty

★ Specifications

| Model | DG-U75-S | DG-U120S | DG-U120S- | DG-U240S |
|------------------------|--------------|-------------|-------------|-------------|
| Input Voltage | 90~264VAC | 90~264VAC | 90~264VAC | 90~264VAC |
| Output Voltage/Current | 12V, 0~6.25A | 12V, 0~10A | 12V, 0~10A | 24V, 0~10A |
| | 24V, 0~3.2A | 24V, 0~5A | 24V, 0~5A | 36V, 0~6.7A |
| | 48V, 0~1.6A | 48V, 0~2.5A | 36V, 0~3.3A | 48V, 0~5A |
| | | | 48V, 0~2.5A | |
| Dimension(mm) | 45x124x119 | 45x124x119 | 32x124x119 | 70x124x127 |
| Certificate | CE | UL/CB/CE | UL/CE | / |



★ Features

- Universal AC input/ Full range
- High Efficiency, long life, high reliability and low power consumption
- Output protections: SCP/OVP/ OLP
- Wide operating ambient temperature (-20°C~65°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 2 year warranty

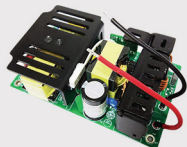
★ Specifications

| Model | PS-35 | PS-45 | PS-60 | PS-60-C | PS-120 |
|------------------------|---------------|-------------|---------------|-------------|---------------|
| Input Voltage | 90~264VAC | 90~264VAC | 90~264VAC | 90~264VAC | 80~264VAC |
| Output Voltage/Current | 5V, 0~6 A | 12V, 0~3.7A | 5V, 0~8 A | 5V, 0~8 A | 12V, 0~10A |
| | 12V, 0~3A | 24V, 0~1.9A | 12V, 0~4.5A | 12V, 0~5A | 24V, 0~5A |
| | 24V, 0~1.5A | 48V, 0~1A | 15V, 0~3.6A | 15V, 0~4A | |
| | 48V, 0~0.75A | | 24V, 0~2.5A | 24V, 0~2.5A | |
| Dimension(mm) | 101.6x50.8x24 | 101.6x51x28 | 101.6x50.8x30 | 101.6x51x29 | 101.6x50.8x29 |
| Certificate | UL/CB/CE | UL/CB/CE | UL/CB/CE | UL/CB/CE | UL/CB/CE |

PSF Series



PSF-125-12



PSF-200



PSF-230S-12



PSF-300-24



PSF-550S-12



★ Features

- Universal AC input/ Full range
- Built-in Active PFC function
- High power density, High efficiency and reliability
- Output protections: OLP/OVP/SCP
- Wide operating ambient temperature (-20°C~70°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 2 years warranty

★ Specifications

| Model | PSF-125 | PSF-200 | PSF-230S | PSF-300 | PSF-400S | PSF-550S |
|------------------------|------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| Input Voltage | 90~264VAC | 90~264VAC | 85~264VAC | 90~264VAC | 80~264VAC | 80~264VAC |
| Output Voltage/Current | 5V, 0~20A | 12V, 0~16.7A | 12V, 0~19.2A | 12V, 0~25A | 12V, 0~33.3A | 12V, 0~41.7A |
| | 12V, 0~10.5A | 15V, 0~10A | 24V, 0~9.58A | 24V, 0~14.6A | 24V, 0~16.7A | 24V, 0~22.9A |
| | 15V, 0~8.4A | 24V, 0~8.4A | 36V, 0~6.39A | 36V, 0~9.73A | 36V, 0~11.2A | 36V, 0~15.3A |
| | 24V, 0~5.2A | 48V, 0~4.167A | 48V, 0~4.8A | 48V, 0~7.3A | 48V, 0~8.4A | 48V, 0~11.46A |
| | 48V, 0~2.6A | | | 54V, 0~6.5A | 54V, 0~7.5A | 54V, 0~10.2A |
| Dimension(mm) | 127x76x30.5 (5"x3") | 128x76.5x34.6 (5"x3") | 103.5x50.8x25.4 (4"x2") | 127x76.2x25.4 (5"x3") | 127x76.2 x40.5 (5"x3") | 127x76.2 x40.5 (5"x3") |
| Certificate | UL/CB/CE | UL/CB/CE | / | CE | / | / |



PGF-200-12 PGF-350-12 PGF-350-24 PGF-500-12 PGF-750-24 PGF-800-24

★ Features

- Universal AC input (90~264Vac)
- Withstand 300Vac surge input for 5 sec
- 150% peak load capacity
- Low stand-by power consumption
- Fanless design and semi potted, cooling by free air convection
- Built-in active PFC, PF>0.94
- High efficiency up to 95%
- Output protection: SCP/OCP/OVP/OTP
- Wide operating ambient temperature (-30~70°C)
- Operating altitude up to 5000m
- Slim type and low profile
- 2 years warranty

★ Specifications

| Model | PGF-200 | PGF-350 | PGF-500 | PGF-750 |
|------------------------|--------------|--------------|---------------|--------------|
| Input Voltage | 90~264VAC | 90~264VAC | 90~264VAC | 90~264VAC |
| Output Voltage/Current | 12V, 0~16.7A | 12V, 0~29.2A | 12V, 0~41.7A | 12V, 0~62.5A |
| | 24V, 0~8.4A | 24V, 0~14.6A | 24V, 0~20.8A | 24V, 0~31.3A |
| | 36V, 0~5.6A | 36V, 0~9.7A | 36V, 0~13.9A | 36V, 0~20.9A |
| | 48V, 0~4.2A | 48V, 0~7.3A | 48V, 0~10.45A | 48V, 0~15.7A |
| Dimension(mm) | 194x55x26 | 220x62x31 | 232x81x31 | 237x100x41 |
| Certificate | / | / | / | / |

ADP Series



ADP-H40S24-B



ADP-H40S24-BIII



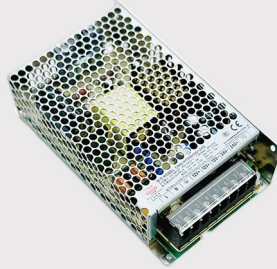
ADP-H40S24-BV

★ Features

- Low cost, high reliability, high efficiency
- 100% full load burn-in test
- Output protections: OCP/OVP/SCP
- No minimum load required
- Low working temperature
- 2 years warranty

★ Specifications

| Model | ADP-H40S24 |
|------------------------|------------|
| Input Voltage | 176~264VAC |
| Output Voltage/Current | 24V, 0~2A |
| Dimension(mm) | 120x60x38 |
| Certificate | / |



CMG-H150D12G+24G

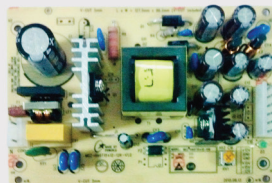
★ Features

- High AC voltage input (176~264Vac)
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OCP
- Wide operating ambient temperature (-25°C~65°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- Soldering sides with conformal coating
- Isolated Dual Outputs
- 2 years warranty

★ Specifications

| Model | CMG-H150D12G+24G |
|------------------------|----------------------|
| Input Voltage | 176~264VAC |
| Output Voltage/Current | 12V, 0~5a; 24V, 0~5A |
| Dimension(mm) | 159x97x30 |
| Certificate | CE |

Triple Outputs



MGZ-H40T15+12-12R

★ Features

- High AC voltage input (176~264Vac)
- High Efficiency and High reliability
- Output protections: SCP/OVP
- Wide operating ambient temperature (-10°C~50°C)
- No fan design
- 100% full load burn-in test
- 2 years warranty

★ Specifications

| Model | MGZ-H40T15+12-12R |
|------------------------|-------------------------------------|
| Input Voltage | 176~264VAC |
| Output Voltage/Current | 15V, 0~1A; +12V, 0~1A; -12V, 0~0.5A |
| Dimension(mm) | 128x77x28 |
| Certificate | / |

Quadruple Outputs



ABQ-H150Q40+5+12-12

★ Features

- High AC voltage input (176~264Vac)
- High efficiency, high reliability
- Output protections: SCP/OVP/OLP
- Wide operating ambient temperature (0°C~70°C)
- 100% full load burn-in test
- Low no load power consumption
- 2 years warranty

★ Specifications

| Model | ABQ-H150Q40+5+12-12 |
|------------------------|--|
| Input Voltage | 176~264VAC |
| Output Voltage/Current | 40V, 0~2A; 5V, 0.25~0.6A; +12V, 0~0.03A; -12V, 0~0.03A |
| Dimension(mm) | 192.6x162.1x38.9 |
| Certificate | CE |

200W Universal AC Input Slim Series For LED Display



VAT-UP200S-4.6-60L-AII

★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.95
- High efficiency, long life and high reliability
- Output protections: OCP/SCP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- PCB both sides with conformal coating
- 3 years warranty
- UL/CE/CCC Approvals

★ Specifications

| Model | VAT-UP200S-X-60L-AII |
|------------------------|----------------------|
| Output Voltage/Current | 2.8V, 0~40A |
| | 3.7V, 0~40A |
| | 3.8V, 0~40A |
| | 3.9V, 0~40A |
| | 4.2V, 0~40A |
| | 4.5V, 0~40A |
| | 4.6V, 0~40A |
| | 5V, 0~40A |
| Dimension(mm) | 208x60x30 |

200W Universal AC Input 19mm Height Series For LED Display



VAT-UP200S-4.2-19H-B



VAT-UP200S-4.2-19H-P-A



VAT-UP200S-4.2-19H-P-B



★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.95
- High efficiency, long life and high reliability
- Output protections:OCP/OVP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- PCB both sides with conformal coating
- 3 years warranty
- UL/CE/CCC Approvals

★ Specifications

| Model | VAT-UP200S-X-19H |
|------------------------|------------------|
| Output Voltage/Current | 4.2V, 0~40A |
| | 4.5V, 0~40A |
| Dimension(mm) | 146x55x19 |

200W Universal AC Input 26mm Height Series For LED Display



VAT-UP200S-4.5-55L



VAT-UP200S-4.5-55L



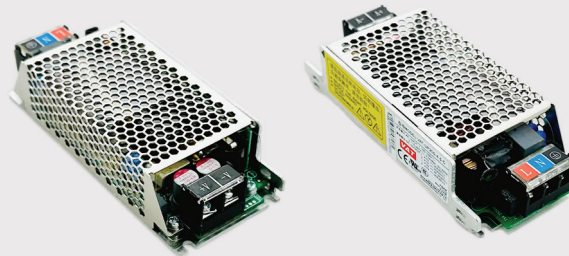
★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.95
- High efficiency, long life and high reliability
- Output protections:OCP/OVP/SCP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- PCB both sides with conformal coating
- Current sharing function(-P model)
- 3 years warranty
- UL/CE/CCC Approvals

★ Specifications

| Model | VAT-UP200S-X-55L | VAT-UP200S-X-55L-P |
|------------------------|------------------|--------------------|
| Output Voltage/Current | 3.3V, 0~40A | 3.3V, 0~40A |
| | 3.8V, 0~40A | 3.8V, 0~40A |
| | 4.2V, 0~40A | 4.2V, 0~40A |
| | 4.5V, 0~40A | 4.5V, 0~40A |
| | 4.6V, 0~40A | 4.6V, 0~40A |
| | 5V, 0~40A | 5V, 0~40A |
| Dimension(mm) | 165x55x26.5 | |

200W Universal AC Input 133mm Length Series For LED Display



VAT-UP200-4.5-C



★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.95
- High efficiency, long life and high reliability
- Output protections:OCP/OVP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- Conformal coating
- 3 years warranty
- UL/CE/CCC Approvals

★ Specifications

| Model | VAT-UP200-X-C |
|------------------------|---------------|
| Output Voltage/Current | 3.8V, 0~40A |
| | 4.2V, 0~40A |
| | 4.5V, 0~40A |
| | 5V, 0~40A |
| | 5.2V, 0~40A |
| Dimension(mm) | 133x55x30 |

200W High AC Input 26mm Height Series For LED Display



VAT-H200S-X-55L-A

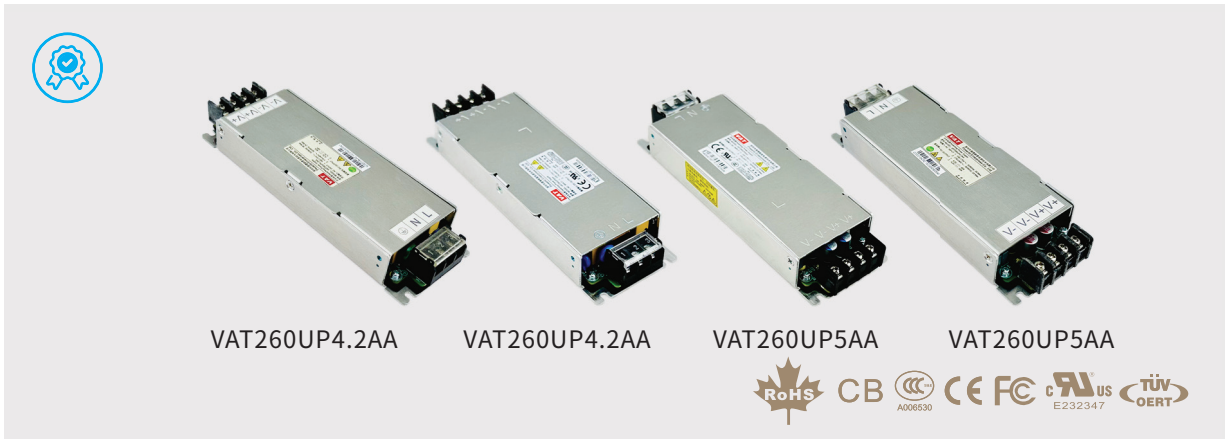
★ Features

- High AC input: 180~264VAC
- High efficiency, long life and high reliability
- Output protections: OCP/OVP/SCP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- PCB both sides with conformal coating
- 1 year warranty

★ Specifications

| Model | VAT-H200S-X-55L-A |
|------------------------|-------------------|
| Output Voltage/Current | 3.3V, 0~40A |
| | 3.8V, 0~40A |
| | 4.2V, 0~40A |
| | 4.5V, 0~40A |
| | 4.6V, 0~40A |
| | 5V, 0~40A |
| Dimension(mm) | 165x56x26.5 |

250W Universal AC Input 23mm Height Series For LED Display



Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.95
- High efficiency, long life and high reliability
- Output protections:OCP/OVP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-30°C~65°C)
- 100% full load burn-in test
- Conformal coating
- 3 years warranty
- UL/CE/CCC Approvals

Specifications

| Model | VAT260UPXAA |
|------------------------|-------------|
| Output Voltage/Current | 3.8V, 0~50A |
| | 4.2V, 0~50A |
| | 4.6V, 0~50A |
| | 5V, 0~50A |
| Dimension(mm) | 165x55x23 |

300W Universal AC Input 60mm Width Series For LED Display



VAT-UP300S-5-60L-A



★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.95
- High efficiency, long life and high reliability
- Output protections:OCP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- PCB both sides with conformal coating
- 3 years warranty
- UL/CE/CCC Approvals

★ Specifications

| Model | VAT-UP300S-X-60L-A |
|------------------------|--------------------|
| Output Voltage/Current | 3.3V, 0~60A |
| | 3.8V, 0~60A |
| | 4.2V, 0~60A |
| | 4.6V, 0~60A |
| | 5V, 0~60A |
| Dimension(mm) | 208x60x30 |

300W Universal AC Input 55mm Width Series For LED Display



★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.95
- High efficiency, long life and high reliability
- Output protections:OCP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- Conformal coating
- 3 years warranty
- UL/CE/CCC Approvals (only for 5V,others with CE)

★ Specifications

| Model | VAT-UP300S-X-55L |
|------------------------|------------------|
| Output Voltage/Current | 3.8V, 0~60A |
| | 4.2V, 0~60A |
| | 5V, 0~60A |
| Dimension(mm) | 180x55x30 |

300W High AC Input 30mm Height Series For LED Display



VAT-H300S-5-55L

VAT-H300S-5-60L

★ Features

- High AC input: 180~264VAC
- High efficiency, long life and high reliability
- Output protections: OCP/SCP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- PCB both sides with conformal coating
- 1 years warranty

★ Specifications

| Model | VAT-H300S-X-60LII | VAT-H300S-X-55L |
|------------------------|-------------------|-----------------|
| Output Voltage/Current | 3.8V, 0~60A | 3.8V, 0~60A |
| | 4.2V, 0~60A | 4.2V, 0~60A |
| | 4.5V, 0~60A | 4.5V, 0~60A |
| | 4.6V, 0~60A | 4.6V, 0~60A |
| | 5V, 0~60A | 5V, 0~60A |
| Dimension(mm) | 208x60x30 | 180x55x30 |

300W High AC Input Built-in DC Fan Series For LED Display



VAT-H300L-5-D

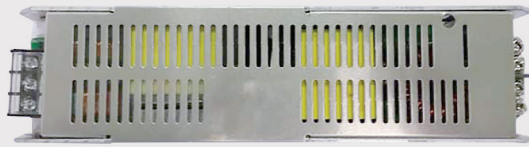
★ Features

- High AC input: 180~264VAC
- High efficiency, long life and high reliability
- Output protections:OCP/SCP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- Conformal coating
- 1 years warranty

★ Specifications

| Model | VAT-H300L-X-DII |
|------------------------|-----------------|
| Output Voltage/Current | 4.2V, 0~60A |
| | 4.6V, 0~60A |
| | 5V, 0~60A |
| Dimension(mm) | 190x99x29.8 |

400W Universal AC Input Series For LED Display



VAT-UP400S-5-60L-A



★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.93
- High efficiency, long life and high reliability
- Output protections:OCP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~80°C)
- 100% full load burn-in test
- PCB both sides with conformal coating
- 3 years warranty
- UL/CE/CCC/TUV Approvals

★ Specifications

| Model | VAT-UP400S-X-60L-A |
|------------------------|--------------------|
| Output Voltage/Current | 3.3V, 0~80A |
| | 3.8V, 0~80A |
| | 4.2V, 0~80A |
| | 4.5V, 0~80A |
| | 4.6V, 0~80A |
| | 5V, 0~80A |
| Dimension(mm) | 235x60x30 |

400W Universal AC Input Current Sharing Series For LED Display



★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.93
- High efficiency, long life and high reliability
- Output protections:OCP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~80°C)
- 100% full load burn-in test
- PCB both sides with conformal coating
- Current sharing, parallel function
- 3 years warranty
- UL/CE/CCC/TUV Approvals

★ Specifications

| Model | VAT-UP400S-X-60L-P |
|------------------------|--------------------|
| Output Voltage/Current | 3.3V, 0~80A |
| | 3.8V, 0~80A |
| | 4.2V, 0~80A |
| | 4.6V, 0~80A |
| | 5V, 0~80A |
| Dimension(mm) | 250x60x30 |

400W High AC Input Series For LED Display



VAT-H400S-5-60L

★ Features

- High AC input: 180~264VAC
- High efficiency, long life and high reliability
- Output protections: OCP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~65°C)
- 100% full load burn-in test
- Conformal coating
- 1 year warranty

★ Specifications

| Model | VAT-H400S-X-60L |
|------------------------|-----------------|
| Output Voltage/Current | 3.8V, 0~80A |
| | 4.2V, 0~80A |
| | 4.5V, 0~80A |
| | 4.6V, 0~80A |
| | 5V, 0~80A |
| Dimension(mm) | 208x60x30 |

400W High AC Input 46mm Width Series For LED Display



VAT-HP400S-5-46L

★ Features

- High AC input: 180~264VAC
- Built-in Active PFC, PF>0.95
- High efficiency, long life and high reliability
- Output protections:OCP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~70°C)
- 100% full load burn-in test
- Conformal coating
- 1 year warranty

★ Specifications

| Model | VAT-HP400S-X-46L |
|------------------------|------------------|
| Output Voltage/Current | 3.8V, 0~80A |
| | 4.2V, 0~80A |
| | 4.5V, 0~80A |
| | 4.6V, 0~80A |
| | 5V, 0~80A |
| Dimension(mm) | 220x46x26 |

400W Universal AC Input 46mm Width Series For LED Display



VAT-UP400S-X-46L-A

★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.93
- High efficiency, long life and high reliability
- Output protections:OCP/OVP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~80°C)
- 100% full load burn-in test
- Conformal coating
- 3 years warranty

★ Specifications

| Model | VAT-UP400S-X-46L-A |
|------------------------|--------------------|
| Output Voltage/Current | 3.8V, 0~80A |
| | 4.2V, 0~80A |
| | 4.5V, 0~80A |
| | 4.6V, 0~80A |
| | 5V, 0~80A |
| Dimension(mm) | 226x46x26 |

400W Universal AC Input Dual Output Series For LED Display



VAT-UP400D3.2+4.2-60L

★ Features

- Universal AC input: 90~264VAC
- Built-in Active PFC, PF>0.93
- High efficiency, long life and high reliability
- Output protections:OCP/SCP/OTP
- No fan suitable for quiet environment
- Wide operating ambient temperature (-40°C~80°C)
- 100% full load burn-in test
- Conformal coating
- 3 years warranty

★ Specifications

| Model | VAT-UP400D3.2+4.2-60L | |
|------------------------|-----------------------|-------------|
| Output Voltage/Current | CH1 | 4.2V, 0~45A |
| | CH2 | 3.2V, 0~35A |
| Dimension(mm) | 220x60x26 | |



EPA10

★ Features

- 90-300Vac wide voltage input
- Protections: input overvoltage/ undervoltage/ output overcurrent/ overvoltage/ short circuit / alarm function
- Wide operating temperature range (-20°C~65°C)
- 100% full load burn-in test
- Support N+1 parallel with current sharing function
- High Volt efficiency, long life and High Volt reliability
- 90-290Vac wide voltage input
- Protections: input overvoltage/ undervoltage/ output overcurrent/ overvoltage/ short circuit / alarm function
- Wide operating temperature range (-33°C~65°C)
- 100% full load burn-in test
- Support N+1 parallel with current sharing function
- High Volt efficiency, long life and High Volt reliability

★ Specifications

| Model | EPA-A20H | EPA-A30H |
|------------------|--------------|--------------|
| Input | 90~300Vac | 90~290Vac |
| Output | 53.5V, 0~20A | 53.5V, 0~30A |
| Power | 1070W | 1605W |
| Efficiency @25°C | ≥93% | ≥94% |
| Dimension(mm) | 208x126x41.5 | 208x126x41.5 |



DSC06143

★ Features

- 90-286Vac wide input voltage
- Functions: Input overvoltage, undervoltage, output overcurrent, overvoltage, short circuit, overheating and alarm function
- Wide operating temperature range (-33°C~65°C)
- 100% full load burn-in test

★ Specifications

| Model | AN4802-10A |
|------------------|-------------------------|
| Input | 90~286Vac |
| Output | 53.5V, 0~60A |
| Power | 3480W |
| Efficiency @25°C | ≥92% (220Vac load ≥50%) |
| Dimension(mm) | 487x242x44(1U) |



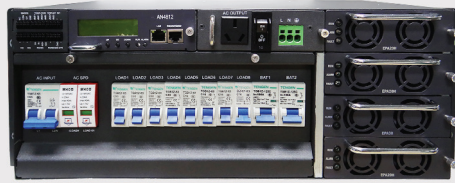
AN4802-22A

★ Features

- 90~286Vac wide input voltage
- Functions: Input overvoltage, undervoltage, output overcurrent, overvoltage, short circuit, overheating and alarm function
- Wide operating temperature range (-33°C~65°C)
- 100% full load burn-in test

★ Specifications

| Model | AN4802-20A | AN4802-21A-001 | AN4802-22A |
|------------------|------------------------|------------------------|------------------------|
| Input | 90~286Vac | 90~286Vac | 90~286Vac |
| Output | 53.5V, 0~60A | 53.5V, 0~60A | 53.5V, 0~60A |
| Power | 3480W | 3240W (EPA-A30H) | 4860W |
| Efficiency @25°C | ≥92% (220Vac load≥50%) | ≥92% (220Vac load≥50%) | ≥92% (220Vac load≥50%) |
| Dimension(mm) | 482x261x87(2U) | 482x261x87(2U) | 482x261x87(2U) |



AN4802-41A

★ Features

- 90~286Vac wide input voltage
- Functions: Input overvoltage, undervoltage, output overcurrent, overvoltage, short circuit, overheating and alarm function
- Wide operating temperature range (-33°C~65°C)
- 100% full load burn-in test

★ Specifications

| Model | AN4802-40A | AN4802-41A/RA |
|------------------|------------------------|------------------------|
| Input | 90~286Vac | 90~286Vac |
| Output | 53.5V, 0~120A | 53.5V, 0~120A |
| Power | 6960W | 7950W |
| Efficiency @25°C | ≥92% (220Vac load≥50%) | ≥92% (220Vac load≥50%) |
| Dimension(mm) | 482.6x287x173.5mm (4U) | 482.6x287x173.5mm (4U) |

Rectifiers



FH4830



PD4850G

★ Features

- 90~300VAC input
- Protection: AC input overvoltage, undervoltage; DC input overvoltage, undervoltage; output overcurrent, overvoltage, short circuit; overtemperature, isolation protection; fan failure protection; fault alarm function
- Wide operating temperature range (-40°C~70°C)
- 100% full load burn-in test
- High Volt efficiency, the maximum efficiency can reach 96.1%; long life and High Volt reliability
- Built-in fan, and the fan speed is controlled by the temperature of the internal radiator. As the output load increases or the temperature of the thermostat increases, the fan speed becomes faster and faster)

★ Specifications

| Model | FH4830 | PD4850G |
|------------------|------------------------|-----------------------|
| Input | 90~300Vac | 90~300Vac |
| Output | 53.5V, 0~41A | 53.5V, 0~60A |
| Power | 2000W | 3200W |
| Efficiency @25°C | ≥95% (96.1% max point) | ≥95% (96% max point) |
| Dimension(mm) | 252.5x85.1x43.6mm (1U) | 270x104.5x41.5mm (1U) |



POE-U660D48+12



PDF-5500-48-1U



PDF-5500-48-1U



GST5000HII

★ Features

- 165Vac-285Vac input voltage
- Protections: input over voltage, undervoltage, output overcurrent, over voltage, short circuit and alarm function
- Wide operating temperature range (-40°C~85°C)
- 100% full load burn-in test
- High Volt efficiency, long life and High Volt reliability
- AC input (187VAC~242 VAC)
- battery input (21.7-27.9V)
- 1U height
- Built-in active PFC function, PF>0.95
- Protections: output overload, overcurrent, overvoltage, short circuit
- Capacitive load: output 1 can reach 20000uF
- RS232 protocol
- Battery charging management and backup functions
- Natural Convection
- 176Vac-285Vac voltage input
- Protections: input overvoltage, undervoltage, output overcurrent, overvoltage, short circuit and alarm function
- Wide operating temperature range (-20°C~55°C)
- 100% full load burn-in test
- High Volt efficiency, long life and High Volt reliability

★ Specifications

| Model | POE-U660D48+12 | GST5000HII | PDF-5500-48-1U |
|------------------|--------------------------|--|--------------------------|
| Input | 165~285Vac | 187~242Vac | 176~285Vac |
| Output | 48V, 0~10A 12V, 0~15A | 27.5V, 0~10A 27.5V, 0~5A 27.5V, 0~5A 5.2V, 0~5A 27.6V, 3.04-7.6A (BAT) | 48V, 0~100A 24V, 0~3A |
| Power | 660W | 686W | 5500W |
| Efficiency @25°C | ≥94% | ≥85% | ≥91.0% |
| Dimension(mm) | 117.5x100x39.5mm | 435x160x44mm | 300x180x43mm |

KHD Series



KHD-0102III-EXI



KHD-08037II



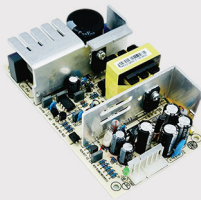
KHD-08037III

★ Features

- 187VAC ~ 242 VAC input
- Protections: Short circuit/ Over load/ Over voltage
- Wide Operation Temp. (0°C~45°C)
- 100% full load burn-in test
- High Volt efficiency, long life, High Volt reliability
- No fans for quiet operation
- Protections: Short circuit/ Over load/ Over voltage/ Battery Reverse Polarity/ Battery Under Voltage
- Wide Operation Temp. (-10°C~55°C)
- High Volt efficiency, long life, High Volt reliability
- Battery switch time is 0mS for uninterruptable power supply
- Battery constant current charging
- High Volt output peak power

★ Specifications

| Model | KHD-0102III-EXI | KHD-08037II | KHD-08037III |
|------------------|--|--|--|
| Input | 187~242Vac | 100~264Vac | 105~264Vac |
| Output | 13.8V, 0~3A 13.8V, 0.35~0.65A (BAT) (constant current) | 15V, 0.5~2.5A 12V, 0.5~1.4A 18.5V, 0.4~0.65A (constant current) | 15V, 0.5~3.5A 12V, 0.5~1.4A 21.5V, 0.4~0.65A (constant current) |
| Power | 48.3W | 71W | 90W |
| Efficiency @25°C | ≥70% | ≥70% | ≥70% |
| Dimension(mm) | 129x98x38mm | 130x95x38mm | 130x95x38mm |



WSD-H80D27+32



WSD-U250D27+30



WSD-U250D27+30III

★ Features

- 176VAC ~ 264 VAC input
- Protections: Short circuit/ Over load/ Over voltage
- Wide Operation Temp. (-10°C~55°C)
- 100% full load burn-in test
- High Volt efficiency, long life, High Volt reliability
- No fans for quiet operation
- Wide input range: 88Vac~264Vac
- Wide Operation Temp. (-10°C~50°C)
- Protections: Short circuit/ Over load/ Over voltage
- 100% full load burn-in test
- No fans for quiet operation
- High Volt efficiency, long life, High Volt reliability, High Volt power density

★ Specifications

| Model | WSD-H80D27+32 | WSD-U250D27+30 |
|------------------|----------------------------|----------------------------|
| Input | 176~264Vac | 88Vac~264Vac |
| Output | 27V, 0-2.5A 32V, 0-0.3A | 27.5V, 0-6A 32.0V, 0-2A |
| Power | 80W | 229W |
| Efficiency @25°C | ≥82% | ≥90% |
| Dimension(mm) | 127.5x76.5x34mm | 199x99x50mm |

GPF Series



GPF-U150S12-FVI



GPM-V150S12-FV

★ Features

- 90VAC~300 VAC/127VDC ~ 288VDC input
- Protections: Output short circuit/ over-load/ overvoltage/ overtemperature; Input overvoltage/ undervoltage
- Wide operating temperature range (-20 °C~60°C)
- 100% full load burn-in test
- High Volt efficiency, long life and High Volt reliability
- Built-in fan, which adopts the form of ventilation with temperature control and speed adjustment function

- -36Vdc ~ 72Vdc input
- Protections: Output short circuit/ over-load/ overvoltage/ overtemperature; Input undervoltage
- Wide operating temperature range (-20 °C~60°C)
- 100% full load burn-in test
- High Volt efficiency, long life and High Volt reliability
- System air cooling, 20CFM

★ Specifications

| Model | GPF-U150S12-FV | GPM-V150S12-FV |
|-----------------|----------------------------|----------------|
| Input | 90~300Vac 127VDC~288VDC | -36Vdc~-72Vdc |
| Output | 12V, 0~12.5A | 12V, 0~12.5A |
| Power | 150W | 150W |
| Efficiency@25°C | ≥85% | ≥85% |
| Dimension(mm) | 195.4x89.8x39.8 | 199x99x50 |



GZM-H50D5+12

★ Features

- 176VAC ~ 264VAC input
- Protections: Output short circuit/ overload/ overvoltage
- Wide operating temperature range (-25°C~65°C)
- 100% full load burn-in test
- High Volt efficiency, long life and High Volt reliability
- Fanless, completely quiet operation

★ Specifications

| Model | GZM-H50D5+12 | |
|------------------|--------------|-------------|
| Input | 176~264Vac | |
| Output | 5V, 0.5-5A | 12V, 0.2-2A |
| Power | 50W | |
| Efficiency @25°C | ≥73% | |
| Dimension(mm) | 129x98x38 | |

DC-DC Converter Selection Guide

| Package | Series | | Power | Input Voltage | Output Voltage | Isolation Voltage | Working Temperature | Dimension |
|---------------|---------|--------------|-------|---------------|----------------|-------------------|---------------------|------------------|
| | Picture | Part No. | | | | | | |
| SIP | | PB05S05S-1WS | 1W | 4.5-5.5V | 5V | 1500Vdc | -40~+105°C | 0.46"*0.24"*0.4" |
| | | PB05S09S-1WS | | | 9V | | | |
| | | PB05S12S-1WS | | | 12V | | | |
| | | PB05S15S-1WS | | | 15V | | | |
| | | PB12S05S-1WS | | 10.8-13.2V | 5V | | | |
| | | PB12S09S-1WS | | | 9V | | | |
| | | PB12S12S-1WS | | | 12V | | | |
| | | PB12S15S-1WS | | | 15V | | | |
| SIP | | PBL05S05S-1W | 1W | 4.5-5.5V | 5V | 1500Vdc | -40~+105°C | 0.77"*0.24"*0.4" |
| | | PBL05S12S-1W | | | 12V | | | |
| | | PBL05S15S-1W | | | 15V | | | |
| | | PBL12S05S-1W | | 10.8-13.2V | 5V | | | |
| | | PBL12S12S-1W | | | 12V | | | |
| | | PBL12S15S-1W | | | 15V | | | |
| | | PBL24S05S-1W | | 21.6-26.4V | 5V | | | |
| | | PBL24S12S-1W | | | 12V | | | |
| | | PBL24S15S-1W | | | 15V | | | |
| SIP | | PBE03S03S-1W | 1W | 3.14-3.47V | 3.3V | 3000Vdc | -40~+70°C | 0.77"*0.24"*0.4" |
| | | PBE03S05S-1W | | | 5V | | | |
| | | PBE05S05S-1W | | 4.75-5.25V | 5V | | | |
| | | PBE05S12S-1W | | | 12V | | | |
| | | PBE05S15S-1W | | | 15V | | | |
| | | PBE12S05S-1W | | 11.4-12.6V | 5V | | | |
| | | PBE12S12S-1W | | | 12V | | | |
| | | PBE12S15S-1W | | | 15V | | | |
| | | PBE24S05S-1W | | 22.8-25.2V | 5V | | | |
| | | PBE24S12S-1W | | | 12V | | | |
| | | PBE24S15S-1W | | | 15V | | | |
| | | SIP | | | PBW12S3V3S-3W | | | |
| PBW12S05S-3W | 5V | | | | | | | |
| PBW12S09S-3W | 9V | | | | | | | |
| PBW12S12S-3W | 12V | | | | | | | |
| PBW12S15S-3W | 15V | | | | | | | |
| PBW12S24S-3W | 24V | | | | | | | |
| PBW24S3V3S-3W | 18-36V | | 3.3V | | | | | |
| PBW24S05S-3W | | | 5V | | | | | |
| PBW24S09S-3W | | | 9V | | | | | |
| PBW24S12S-3W | | | 12V | | | | | |
| PBW24S15S-3W | | | 15V | | | | | |
| PBW24S24S-3W | | | 24V | | | | | |
| PBW48S05S-3W | 36-75V | | 5V | | | | | |
| PBW48S12S-3W | | | 12V | | | | | |
| PBW48S15S-3W | | | 15V | | | | | |

DC-DC Converter Selection Guide

| Package | Series | | Power | Input Voltage | Output Voltage | Isolation Voltage | Working Temperature | Dimension |
|---------|---------|------------------|-------|---------------|----------------|-------------------|---------------------|----------------------|
| | Picture | Part No. | | | | | | |
| SIP | | PBW12D05S-3W | 3W | 9-18V | ±5V | 1500Vdc | -40~+85°C | 0.87''x0.47''x0.37'' |
| | | PBW12D09S-3W | | | ±9V | | | |
| | | PBW12D12S-3W | | | ±12V | | | |
| | | PBW12D15S-3W | | | ±15V | | | |
| | | PBW24D05S-3W | | 18-36V | ±5V | | | |
| | | PBW24D09S-3W | | | ±9V | | | |
| | | PBW24D12S-3W | | | ±12V | | | |
| | | PBW24D15S-3W | | | ±15V | | | |
| DIP | | PDJ06-12S3V3MY-W | 6W | 9-36V | 3.3V | 1500Vdc | -40~+85°C | 1.25''x0.4''x0.8'' |
| | | PDJ06-12S05MY-W | | | 5V | | | |
| | | PDJ06-12S12MY-W | | | 12V | | | |
| | | PDJ06-12S15MY-W | | | 15V | | | |
| | | PDJ06-12S24MY-W | | 24V | | | | |
| | | PDJ06-48S3V3MY-W | | 18-75V | 3.3V | | | |
| | | PDJ06-48S05MY-W | | | 5V | | | |
| | | PDJ06-48S12MY-W | | | 12V | | | |
| | | PDJ06-48S15MY-W | | | 15V | | | |
| | | PDJ06-48S24MY-W | | | 24V | | | |
| | | | | | | | | |
| DIP | | PDJ06-12D05MY-W | 6W | 9-36V | ±5V | 1500Vdc | -40~+85°C | 1.25''x0.4''x0.8'' |
| | | PDJ06-12D12MY-W | | | ±12V | | | |
| | | PDJ06-12D15MY-W | | | ±15V | | | |
| | | PDJ06-48D05MY-W | | 18-75V | ±5V | | | |
| | | PDJ06-48D12MY-W | | | ±12V | | | |
| | | PDJ06-48D15MY-W | | | ±15V | | | |
| DIP | | PWL06-24S03P-R3 | 6W | 9-36V | 3.3V | 1500Vdc | -40~+105°C | 1''x1''x0.46'' |
| | | PWL06-24S05P-R3 | | | 5V | | | |
| | | PWL06-24S12P-R3 | | | 12V | | | |
| | | PWL06-24S15P-R3 | | | 15V | | | |
| | | PWL06-48S03P-R3 | | 18-75V | 24V | | | |
| | | PWL06-48S03P-R3 | | | 3.3V | | | |
| | | PWL06-48S05P-R3 | | | 5V | | | |
| | | PWL06-48S12P-R3 | | | 12V | | | |
| | | PWL06-48S15P-R3 | | | 15V | | | |
| | | PWL06-48S24P-R3 | | | 24V | | | |
| DIP | | PDL10-24S03P-WR3 | 10W | 9-36V | 3.3V | 1500Vdc | -40~+105°C | 1''x1''x0.46'' |
| | | PDL10-24S05P-WR3 | | | 5V | | | |
| | | PDL10-24S12P-WR3 | | | 12V | | | |
| | | PDL10-24S15P-WR3 | | | 15V | | | |
| | | PDL10-24S24P-WR3 | | | 24V | | | |
| | | PDL10-48S03P-WR3 | | | 18-75V | | | |
| | | PDL10-48S05P-WR3 | | 5V | | | | |
| | | PDL10-48S12P-WR3 | | 12V | | | | |
| | | PDL10-48S15P-WR3 | | 15V | | | | |
| | | PDL10-48S24P-WR3 | | 24V | | | | |
| | | | | | | | | |

DC-DC Converter Selection Guide

| Package | Series | | Power | Input Voltage | Output Voltage | Isolation Voltage | Working Temperature | Dimension |
|----------------|---------|------------------|-------|---------------|----------------|-------------------|---------------------|-------------|
| | Picture | Part No. | | | | | | |
| DIP | | PDL20-24S03P-WR3 | 20W | 9-36V | 3.3V | 1500Vdc | -40~+105°C | 1"x1"x0.46" |
| | | PDL20-24S05P-WR3 | | | 5V | | | |
| | | PDL20-24S09P-WR3 | | | 9V | | | |
| | | PDL20-24S12P-WR3 | | | 12V | | | |
| | | PDL20-24S15P-WR3 | | | 15V | | | |
| | | PDL20-24S24P-WR3 | | | 24V | | | |
| | | PDL20-48S03P-WR3 | | 18-75V | 3.3V | | | |
| | | PDL20-48S05P-WR3 | | | 5V | | | |
| | | PDL20-48S09P-WR3 | | | 9V | | | |
| | | PDL20-48S12P-WR3 | | | 12V | | | |
| | | PDL20-48S15P-WR3 | | | 15V | | | |
| | | PDL20-48S24P-WR3 | | | 24V | | | |
| | | PDL20-48S24P-WR3 | | | 24V | | | |
| DIP | | PWD20-24S03P-R3 | 20W | 9-36V | 3.3V | 1500Vdc | -40~+105°C | 2"x1"x0.46" |
| | | PWD20-24S05P-R3 | | | 5V | | | |
| | | PWD20-24S12P-R3 | | | 12V | | | |
| | | PWD20-24S15P-R3 | | | 15V | | | |
| | | PWD20-24S24P-R3 | | | 24V | | | |
| | | PWD20-48S03P-R3 | | | 18-75V | | | |
| | | PWD20-48S05P-R3 | | 5V | | | | |
| | | PWD20-48S12P-R3 | | 12V | | | | |
| | | PWD20-48S15P-R3 | | 15V | | | | |
| | | PWD20-48S24P-R3 | | 24V | | | | |
| | | DIP | | | PDD25-24S3V3MY | | | |
| PDD25-24S05MY | 5V | | | | | | | |
| PDD25-24S12MY | 12V | | | | | | | |
| PDD25-24S15MY | 15V | | | | | | | |
| PDD25-48S3V3MY | 36-75V | | 3.3V | | | | | |
| PDD25-48S05MY | | | 5V | | | | | |
| PDD25-48S12MY | | | 12V | | | | | |
| PDD25-48S15MY | | | 15V | | | | | |
| DIP | | PHD30-24S03P-R3 | 30W | 9-36V | 3.3V | 3000Vdc | -40~+105°C | 2"x1"x0.46" |
| | | PHD30-24S05P-R3 | | | 5V | | | |
| | | PHD30-24S12P-R3 | | | 12V | | | |
| | | PHD30-24S15P-R3 | | | 15V | | | |
| | | PHD30-24S24P-R3 | | | 24V | | | |
| | | PHD30-24S28P-R3 | | | 28V | | | |
| | | PHD30-48S03P-R3 | | 18-75V | 3.3V | | | |
| | | PHD30-48S05P-R3 | | | 5V | | | |
| | | PHD30-48S12P-R3 | | | 12V | | | |
| | | PHD30-48S15P-R3 | | | 15V | | | |
| | | PHD30-48S24P-R3 | | | 24V | | | |
| | | PHD30-48S24P-R3 | | | 24V | | | |
| | | PHD30-24S28P-R3 | | | 28V | | | |

DC-DC Converter Selection Guide

| Package | Series | | Power | Input Voltage | Output Voltage | Isolation Voltage | Working Temperature | Dimension |
|------------|---------|--------------------|-------|---------------|----------------|-------------------|---------------------|-----------------|
| | Picture | Part No. | | | | | | |
| 1/16 Brick | | PES30-48S05MY-6 | 30W | 36-75V | 5V | 1500Vdc | -40~+85°C | 1.3"x0.9"x0.39" |
| | | PES30-48S12MY-6 | | | 12V | | | |
| | | PES30-48S15MY-6 | | | 15V | | | |
| | | PES30-48S24MY-6 | | | 24V | | | |
| | | PES50-48S3V3NY-6 | 50W | 36-75V | 3.3V | 1500Vdc | -40~+85°C | 1.3"x0.9"x0.39" |
| | | PES50-48S3V3NY-I-6 | | | 3.3V | | | 1.3"x0.9"x0.5" |
| | | PES50-48S05NY-6 | | | 5V | | | 1.3"x0.9"x0.39" |
| | | PES50-48S05NY-I-6 | | | 5V | | | 1.3"x0.9"x0.5" |
| | | PES50-48S12NY-6 | | | 12V | | | 1.3"x0.9"x0.39" |
| | | PES50-48S12NY-I-6 | | | 12V | | | 1.3"x0.9"x0.5" |
| | | PES75-48S05NY-6 | 75W | 36-75V | 5V | 1500Vdc | -40~+85°C | 1.3"x0.9"x0.39" |
| | | PES75-48S05NY-I-6 | | | 5V | | | 1.3"x0.9"x0.5" |
| | | PES75-48S12NY-6 | | | 12V | | | 1.3"x0.9"x0.39" |
| | | PES75-48S12NY-I-6 | | | 12V | | | 1.3"x0.9"x0.5" |
| | | PES75-48S28NY-6 | | | 28V | | | 1.3"x0.9"x0.39" |
| | | PES75-48S28NY-I-6 | | | 28V | | | 1.3"x0.9"x0.5" |

DC-DC Converter Selection Guide

| Package | Series | | Power | Input Voltage | Output Voltage | Isolation Voltage | Working Temperature | Dimension | | | | | |
|-----------|--------------------|--------------------|--------|---------------------|----------------|-------------------|---------------------|-------------------|-----------|------------------|---------|-----------|------------------|
| | Picture | Part No. | | | | | | | | | | | |
| 1/8 Brick | | PEE50-48S05NY-6 | 50W | 36-75V | 5V | 1500Vdc | -40~+85°C | 2.28"x0.9"x0.39" | | | | | |
| | | PEE50-48S05NY-I-6 | | | 5V | | | 2.28"x0.9"x0.5" | | | | | |
| | | PEE50-48S12NY-6 | | | 12V | | | 2.28"x0.9"x0.39" | | | | | |
| | | PEE50-48S12NY-I-6 | | | 12V | | | 2.28"x0.9"x0.5" | | | | | |
| | | PEE50-48S24NY-6 | | | 24V | | | 2.28"x0.9"x0.39" | | | | | |
| | | PEE50-48S24NY-I-6 | | | 24V | | | 2.28"x0.9"x0.5" | | | | | |
| | | PEE75-48S05NY-6 | 75W | 36-75V | 5V | 1500Vdc | -40~+85°C | 2.28"x0.9"x0.39" | | | | | |
| | | PEE75-48S05NY-I-6 | | | 5V | | | 2.28"x0.9"x0.5" | | | | | |
| | | PEE75-48S12NY-6 | | | 12V | | | 2.28"x0.9"x0.39" | | | | | |
| | | PEE75-48S12NY-I-6 | | | 12V | | | 2.28"x0.9"x0.5" | | | | | |
| | | PEE75-48S24NY-6 | | | 24V | | | 2.28"x0.9"x0.39" | | | | | |
| | | PEE75-48S24NY-I-6 | | | 24V | | | 2.28"x0.9"x0.5" | | | | | |
| | | PEE75-48S48NY-6 | | | 48V | | | 2.28"x0.9"x0.39" | | | | | |
| | | PEE75-48S48NY-I-6 | | | 48V | | | 2.28"x0.9"x0.5" | | | | | |
| | | | | PEE100-48S3V3NY-6 | 49.5W | 36-75V | 3.3V | 1500Vdc | -40~+85°C | 2.28"x0.9"x0.39" | | | |
| | | | | PEE100-48S3V3NY-I-6 | 66W | | 3.3V | | | 2.28"x0.9"x0.5" | | | |
| | | | 100W | PEE100-48S05NY-6 | | | 5V | | | 2.28"x0.9"x0.39" | | | |
| | | | | PEE100-48S05NY-I-6 | | | 5V | | | 2.28"x0.9"x0.5" | | | |
| | | | | PEE100-48S12NY-6 | | | 12V | | | 2.28"x0.9"x0.39" | | | |
| | | | | PEE100-48S12NY-I-6 | | | 12V | | | 2.28"x0.9"x0.5" | | | |
| | | | | PEE100-48S24NY-6 | | | 24V | | | 2.28"x0.9"x0.39" | | | |
| | | | | PEE100-48S24NY-I-6 | | | 24V | | | 2.28"x0.9"x0.5" | | | |
| | | | | PEE150-48S1V0NY-6 | 30W | | 36-75V | | | 1V | 1500Vdc | -40~+85°C | 2.28"x0.9"x0.39" |
| | | | | PEE150-48S1V0NY-I-6 | | | | | | 1V | | | 2.28"x0.9"x0.5" |
| | | | 36W | PEE150-48S1V2NY-6 | | | | | | 1.2V | | | 2.28"x0.9"x0.39" |
| | | | | PEE150-48S1V2NY-I-6 | | | | | | 1.2V | | | 2.28"x0.9"x0.5" |
| | | | 99W | PEE150-48S3V3NY-6 | | 3.3V | | 2.28"x0.9"x0.39" | | | | | |
| | | | | PEE150-48S3V3NY-I-6 | | 3.3V | | 2.28"x0.9"x0.5" | | | | | |
| | | | 150W | PEE150-48S05NY-6 | | 5V | | 2.28"x0.9"x0.39" | | | | | |
| | | | | PEE150-48S05NY-I-6 | | 5V | | 2.28"x0.9"x0.5" | | | | | |
| | | | | PEE150-48S12NY-6 | | 12V | | 2.28"x0.9"x0.39" | | | | | |
| | | | | PEE150-48S12NY-I-6 | | 12V | | 2.28"x0.9"x0.5" | | | | | |
| | PEE150-48S24NY-6 | 24V | | 2.28"x0.9"x0.39" | | | | | | | | | |
| | PEE150-48S24NY-I-6 | 24V | | 2.28"x0.9"x0.5" | | | | | | | | | |
| | 240W | PEE240-48S12NY-6 | 36-75V | 12V | 1500Vdc | -40~+85°C | 2.28"x0.9"x0.43" | | | | | | |
| | | PEE240-48S12NY-I-6 | | 12V | | | 2.28"x0.9"x0.53" | | | | | | |
| | | PEE240-48S12NY-H-6 | | 12V | | | 2.28"x0.9"x0.87" | | | | | | |
| 1/4 Brick | | PEQ400-48S12NY-I-6 | 396W | 36-75V | 12V | 1500Vdc | -40~+85°C | 2.28"x1.45"x0.54" | | | | | |
| | | PEQ400-48S12NY-H-6 | | | 12V | | | 2.28"x1.45"x1.01" | | | | | |
| | | PEQ400-48S48NY-I-6 | 384W | | 48V | | | 2.28"x1.45"x0.54" | | | | | |
| | | PEQ400-48S48NY-H-6 | | | 48V | | | 2.28"x1.45"x1.01" | | | | | |

DC-DC Converter Selection Guide

| Package | Series | | Power | Input Voltage | Output Voltage | Isolation Voltage | Working Temperature | Dimension |
|---------|---------|---------------------|---------|---------------|----------------|-------------------|---------------------|-------------------|
| | Picture | Part No. | | | | | | |
| SIP | | PNS06-5SAN-B | 4~21W | 2.9-5.5V | 0.75-3.63V | NA | -40~+85°C | 0.92"x0.40"x0.23" |
| | | PNS06-12SAN-B | 4~30W | 8-14V | 0.75-5V | | | 0.92"x0.40"x0.23" |
| | | PNS10-5SAN-B | 7~36W | 2.9-5.5V | 0.75-3.63V | | | 0.92"x0.40"x0.27" |
| | | PNS10-12SAN-B | 7~50W | 8-14V | 0.75-5V | | | 0.92"x0.40"x0.27" |
| SIP | | PNJ16-5SAN-B | 12~58W | 8-14V | 0.75-3.63V | NA | -40~+85°C | 2"x0.5"x0.30" |
| | | PNJ16-12S1V5PY-B | 24W | | 1.5V | | | |
| | | PNJ16-12S1V8PY-B | 28W | | 1.8V | | | |
| | | PNJ16-12S3V3PY-B | 52W | | 3.3V | | | |
| | | PNJ16-12S4V2PY-B | 67W | | 4.2V | | | |
| | | PNJ16-12S05PY-B | 80W | | 5V | | | |
| SIP | | PNL30-12SAWPY-E | 21~108W | 5.5-14V | 0.7-3.6V | NA | -40~+85°C | 1.37"x0.62"x0.33" |
| SIP | | PNS80-12SAPY-B | 67~160W | 8-13.8V | 0.84-2V | NA | 0~+70°C | 2.4"x1.25"x0.57" |
| NA | | PNJ03-5S12MY-A | 36W | 4.5-5V | 12V | NA | -40~+85°C | 2.67"x1.65"x0.59" |
| | | PNJ05-4S05MY-A | 25W | 3.8-4.5V | 5V | | | 3.94"x0.47"x0.49" |
| | | PNJ08-24S04MY | 32W | 12-36V | 4V | | | |
| NA | | PEL137-48S3V9MY-IJK | 137W | 36-62V | 3.9V | 1500Vdc | -40~+70°C | 3.15"x1.45"x0.87" |
| | | PEL150-48S4V2MY-ID | 150W | | 4.2V | | | |
| | | PEL160-48S3V9MY-IA | 160W | | 3.9V | | | |
| | | PEL200-48S05MY-IA | 200W | | 5V | | | |

PDB220-2000S-B14 Series



新能源PDB

★ Features

- AC↔DC Bidirectional Power Supply
- Full digital design with 93% conversion efficiency for both AC/DC & DC/AC conversion
- 1U low profile
- Ultrafast switching time <10mS (AC/DC ↔ DC/ AC)
- Active current sharing up to 11KW (4+1)
- ≤5% Low THDi in both conversion mode
- Force charging and discharging mode with CANBus model
- Protections: Anti-islanding /AC fail/DC OVP/OLP/OCP/OTP

★ Specifications

| Type | Items | Rectifier mode | | | | |
|--------|---------------------------------------|----------------|-----------|-----------|-----------|-----------|
| | | B13-2000X | B14-2150X | B14-2240X | B14-2400X | B14-2600X |
| Input | AC input range | 187~264Vac | | | | |
| | Current harmonics (THDI) | ≤5% | | | | |
| | Max. Input Current | 15A | | | 16A | |
| Output | Output Rated Output Voltage | 13Vdc | 14Vdc | 14Vdc | 14Vdc | 14Vdc |
| | Rectifier to inverter switching point | 13.7Vdc | 14.7Vdc | 14.7Vdc | 14.7Vdc | 14.7Vdc |
| | Max. Output Power | 2000W | 2150W | 2240W | 2400W | 2600W |
| | Max. Output Current | 154A | 154A | 160A | 172A | 186A |
| | Charging Efficiency | 90% | | | | |

| Type | Items | Inverter mode | | | | |
|--------|---------------------------------------|---------------|-----------|-----------|-----------|-----------|
| | | B13-2000X | B14-2150X | B14-2240X | B14-2400X | B14-2600X |
| Input | Rated Input Voltage | 14Vdc | 15Vdc | 15Vdc | 15Vdc | 15Vdc |
| | Inverter to rectifier switching point | 13.5Vdc | 14.5Vdc | 14.5Vdc | 14.5Vdc | 14.5Vdc |
| | Max. Input Current | 110A | | | | |
| Output | Max. Input Power | 1540W | 1650W | 1650W | 1650W | 1650W |
| | Output Grid voltage range | 187~264Vac | | | | |
| | Max. Output Current | 15A Max | | | | |
| | Max. Discharge Efficiency | 89% | | | | |
| | THDI | ≤5% | | | | |



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