



THE BEST INDUSTRIAL EQUIPMENT

D I N rail POWER SUPPLY



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Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
MDR-20-5	5V,0-3A	± 2 %	80mvp-p	76 %
MDR-20-12	12V,0-1.67A	± 1 %	120mvp-p	80 %
MDR-20-15	15V, 0-1.34A	± 1 %	120mvp-p	81 %
MDR-20-24	24V,0-1.0A	± 1 %	150mvp-p	84 %

◇Features DIN Series MDR-20

- Universal AC input / Full range
- Installed on DIN rail TS35/7.5 or 15
- Protection: Short circuit / Overload / Overvoltage
- No load power consumption <0.75 W
- LED indicator for power on
- DC OK signal output (20 W)
- DC OK relay contact (40W & 60W)
- Cooling by free air convection
- 100% full load burn-in
- 2 years warranty

AC input voltage range:85-264VAC;120-370VDC

AC inrush current: Cold start,20A at 115VAC,40A at 230VAC

DC adjustmet range: ± 10% rated output voltage

Overload protection:105%-160% constant current limiting,
auto-recovery

Over voltage protection:115%-135% rated output voltage

Setup,rise,hold up time:500ms,30ms,50ms at full load and 230VAC

Withstand voltage:I/P-O/P:3KVAC,I/P-FG:1.5KVAC,1minute

Working temperature: -20-50℃@100%,70℃@50% load

DC OK signal:Open collector

EMC standards:EN55022 class B,EN61000-3-2,-3,EN50204,
EN61000-4-2,3,4,5,6,8,11,EN61204-3,(EN61000
-6-2 heavy industry level also for 40W & 60W)

Connection:I/P:3 poles,O/P:3 poles screw DIN terminal

Dimension (L×W×H) mm: 22.5×90×100 (mm)



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
MDR-40-5	5V,0-6.0A	± 2 %	80mvp-p	78 %
MDR-40-12	12V,0-3.3A	± 1 %	120mvp-p	86 %
MDR-40-15	15V, 0-2.66A	± 1 %	120mvp-p	88 %
MDR-40-24	24V,0-1.7A	± 1 %	200mvp-p	88 %

◇Features DIN Series MDR-40

- Universal AC input / Full range
- Installed on DIN rail TS35/7.5 or 15
- Protection: Short circuit / Overload / Overvoltage
- No load power consumption <0.75 W
- LED indicator for power on
- DC OK signal output (20 W)
- DC OK relay contact (40W & 60W)
- Cooling by free air convection
- 100% full load burn-in
- 2 years warranty

AC input voltage range:85-264VAC;120-370VDC

AC inrush current: Cold start,30A at 115VAC,60A at 230VAC

DC adjustmet range: 0-+20% rated output voltage

Overload protection:105%-150% constant current limiting,
auto-recovery

Over voltage protection:125%-150% rated output voltage

Setup,rise,hold up time:500ms,30ms,50ms at full load and 230VAC

Withstand voltage:I/P-O/P:3KVAC,I/P-FG:1.5KVAC,1minute

Working temperature:-20-60℃@100%,70℃@60% load

DC OK signal:Relay contact

EMC standards:EN55022 class B,EN61000-3-2,-3,EN50204,
EN61000-4-2,3,4,5,6,8,11,EN61204-3,(EN61000
-6-2 heavy industry level also for 40W & 60W)

Connection:I/P:3 poles,O/P:6 poles screw DIN terminal

Dimension: (L×W×H) mm 40×90×100mm



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
MDR-60-5	5V,0-10.0A	± 2 %	80mvp-p	78 %
MDR-60-12	12V,0-5.0A	± 1 %	120mvp-p	86 %
MDR-60-24	24V, 0-2.5A	± 1 %	150mvp-p	88 %
MDR-60-48	48V,0-1.25A	± 1 %	200mvp-p	87 %

◇ Features DIN Series MDR-60

- Universal AC input / Full range
- Installed on DIN rail TS35/7.5 or 15
- Protection: Short circuit / Overload / Overvoltage
- No load power consumption <0.75 W
- LED indicator for power on
- DC OK signal output (20 W)
- DC OK relay contact (40W & 60W)
- Cooling by free air convection
- 100% full load burn-in
- 2 years warranty

AC input voltage range: 85-264VAC; 120-370VDC

AC inrush current: Cold start, 30A at 115VAC, 60A at 230VAC

DC adjustment range: 0 ~ 20% rated output voltage

Overload protection: 105%~150% constant current limiting, auto-recovery

Over voltage protection: 125%~150% rated output voltage

Setup, rise, hold up time: 500ms, 30ms, 50ms at full load and 230VAC

Withstand voltage: I/P-O/P: 3KVAC, L/P-FG: 1.5KVAC, 1 minute

Working temperature: -20~55℃@100%, 70℃@60% load (5V only)
-20~45℃@100%, 70℃@50% load)

DC OK signal: Relay contact

EMC standards: EN55022 class B, EN61000-3-2, -3, EN55024, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61204-3, (EN61000-6-2 heavy industry level also for 40W & 60W)

Connection: I/P: 3 poles, O/P: 6 poles screw DIN terminal

Dimension: (L x W x H) mm 40 x 90 x 100mm



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
MDR-100-12	12V,0-7.5A	± 1 %	120mvp-p	85 %
MDR-100-24	24V, 0-4A	± 1 %	150mvp-p	86 %
MDR-100-48	48V,0-2A	± 1 %	200mvp-p	88 %

◇ Features DIN Series MDR-100

- International general full scope exchange input
- Protect categories: short-circuit/load/overvoltage/after temperature
- ZCS/ZVS technology, lower power consumption
- Natural air-cooled
- Installation guide: TS-35/7.5 or TS-35/15
- DC OK relays touches
- No-load power loss: < 1W leds
- Accord with NEC scale-up 2 / LPS (limited power sources) (only 24V volt),
- LED power instructions
- 100% loaded with aging test
- 2 years warranty

Start, rise time: 3000ms, 50ms / 230VAC 3000ms, 50ms / 115VAC (full)

Keep time: 50ms / 230VAC 20ms / 115VAC (full)

Voltage range: 264VAC or 120 ~ 85 to 370VAC

Ac current: 1.3 A / 115VAC 0.8 A / 230VAC

Surge current: cold start: 115VAC 30A / 60A / 230VAC

The load of the rated output power: 105% ~ 150%

Working temperature, humidity: -10 ~ +60 °C, 20 ~ 90% RH

Storage temperature, humidity: -40 ~ +85 °C, 10 ~ 95% RH

Electromagnetic interference: Comply with EN55011, EN55022 (CISPR22), EN61204-3 scale-up B

Harmonic current: Comply with EN61000-3-2-3

Electromagnetic tolerance: Comply with EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN55024, EN61000-6-2, EN61204-3, grade A heavy industry standards.

Size: 55 * 90 * 100mm (W * D * H)



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DR-15-5	5V,0-2.4A	± 2%	80mvp-p	77%
DR-15-12	12V,0-1.25A	± 1%	120mvp-p	84%
DR-15-15	15V,0-1A	± 1%	120mvp-p	83.5%
DR-15-24	24V,0-0.63A	± 1%	150mvp-p	85%

◇ Features DIN Series DR-15

- International general full scope exchange input
- Protect categories: short-circuit/load/overvoltage
- Natural air-cooled
- Install track: TS-35/7.5 or TS-35/15
- Insulation Class: II scale-up
- LED power instructions
- No-load consumption < 0.5 W
- 100% loaded with aging test
- 2 years warranty

Ac current: Maurice A/ 115VAC 0.48 A / 230VAC

Surge current: cold start: 35A / 115VAC 65A / 230VAC

The load of the rated output power: 105% - 160 percent

Working temperature, humidity: -20 ~ + 60 °C, 20 - 95% RH

Storage temperature, humidity: -40 ~ + 85 °C, 10 - 95% RH

Electromagnetic interference: Comply with EN55011, EN55022

(CISPR22), EN61204-3 scale-up B

Harmonic current: conform to EN61000-3-2, -3

Electromagnetic tolerance: Comply with EN61000-4-2, 3, 4, 5, 6, 8,

11, ENV50204, EN55024, EN61000-6

-2, EN61204-3, grade A heavy

industry standards.

Size: 26*93*56mm (W*H*D)

Start, rise time: 1000ms, 50ms / 230VAC 1000ms, 50ms / 115VAC (full)

Keep time: 70ms / 230VAC 16ms / 115VAC (full)

Voltage range: 264VAC or 120 - 85 to 370VDC



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DR-30-5	5V,0-3A	± 2%	80mvp-p	74%
DR-30-12	12V,0-2A	± 1%	120mvp-p	81%
DR-30-15	15V,0-2A	± 1%	120mvp-p	82%
DR-30-24	24V,0-1.5A	± 1%	150mvp-p	83%

◇ Features 30W Single Output Class II DIN Rail Power

- Universal AC input / Full range
- Installed on DIN rail TS35/7.5 or 15
- Protection: Short circuit / Overload / Overvoltage
- Isolation Class II
- Approvals: UL / CUL / TUV / CB / CE
- LED indicator for power on
- Cooling by free air convection
- 100% full load burn-in
- 2 years warranty

DC adjustment range: ± 10% rated output voltage

Overload protection: 105%-160% constant current limiting,
auto-recovery

Over voltage protection: 115%-135% rated output voltage

Setup, rise, hold up time: 100ms, 30ms, 100ms at full load and 230VAC

Withstand voltage: I/P-O/P: 3KVAC

Working temperature: -20-50°C @ 100%, 60°C @ 80% load

EMC standards: EN55022 class B, EN61000-3-2, 3, EN61000-6-2,
EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN61204-3

Connection: I/P: 2 poles, O/P: 4 poles screw DIN terminal

Dimension: (L x W x H) mm 78 x 93 x 56mm

AC input voltage range: 85-264VAC; 120-370VDC

AC inrush current: Cold start, 15A at 115VAC, 30A at 230VAC



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DR-45-5	5V,0-5A	± 2%	100mvp-p	72%
DR-45-12	12V,0-3.5A	± 1%	200mvp-p	77%
DR-45-15	15V, 0-2.8A	± 1%	240mvp-p	77%
DR-45-24	24V,0-2A	± 1%	480mvp-p	80%

◇ Features 45W Single Output DIN Rail Power

- Soft-start current can reduce the AC input impact effectly
- Low price and high reliability
- 105°C output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- With short-circuit and overload protection
- Compact size, light weight
- 100% full load burn-in
- Installed with EMI filter, minimum wave
- 2 years warranty

AC input voltage range: 85-264VAC; 120-370VDC

AC inrush current: Cold start, 28A at 115VAC, 56A at 230VAC

DC adjustment range: ± 10% rated output voltage

Overload protection: 105%-150% constant current limiting, auto-recovery

Over voltage protection: 115%-135% rated output voltage

Setup, rise, hold up time: 800ms, 60ms, 100ms at full load and 230VAC

Withstand voltage: I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, 1 minute

Working temperature: 0-45°C@100%, -10°C@80% load, 50°C@80% load

EMC standards: EN55022 class B, EN61000-3-2, 3, EN61000-6-2, EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204

Connection: I/P: 3 poles, O/P: 4 poles screw DIN terminal

Dimension: (L×W×H) mm 93×78×67mm



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DR-60-5	5V,0-6.5A	± 2%	100mvp-p	72%
DR-60-12	12V,0-3.5A	± 1%	200mvp-p	77%
DR-60-15	15V, 0-4.0A	± 1%	240mvp-p	77%
DR-60-24	24V,0-2.5A	± 1%	480mvp-p	80%

◇ Features 60W Single Output Class II DIN Rail Power

- Universal AC input / Full range
- Installed on DIN rail TS35/7.5 or 15
- Protection: Short circuit / Overload / Overvoltage
- Isolation Class II
- Approvals: UL / CUL / TUV / CB / CE
- LED indicator for power on
- Cooling by free air convection
- 100% full load burn-in
- 2 years warranty

AC input voltage range: 85-264VAC; 124-370VDC

AC inrush current: Cold start, 18A at 115VAC, 36A at 230VAC

DC adjustment range: ± 10% rated output voltage

Overload protection: 105%-160% constant current limiting, auto-recovery

Over voltage protection: 115%-135% rated output voltage

Setup, rise, hold up time: 100ms, 30ms, 100ms at full load and 230VAC

Withstand voltage: I/P-O/P: 3KVAC

Working temperature: -20-45°C@100%, 50°C@60% load

EMC standards: EN55022 class B, EN61000-3-2, 3, EN61000-6-2, EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN61204-3

Connection: I/P: 2 poles, O/P: 4 poles screw DIN terminal

Dimension: (L×W×H) mm 78×93×56mm



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DR-100-12	12V, 0-7.5A	± 1%	120mvp-p	84%
DR-100-15	15V, 0-6.5A	± 1%	120mvp-p	85%
DR-100-24	24V, 0-4.2A	± 1%	150mvp-p	86%

◇ Features 100W Single Output Class II DIN Rail Power

- Globally applicable AC input power
- TS35/7.5 or 15 installed on the rail
- Protection features: short circuit / overload protection device / over-voltage protection device
- Insulation class: II
- LED direct power
- Natural air-cooled scattered
- 100% full load burn-in test
- Suitable for special applications
- 2 years warranty

Input voltage range :88-264VAC 120-370DC

Rush current: cold start, at 115VAC, when 20A, at 40A when 230VAC

Adjustable range of DC output: 12V:12-15V, 15V:15-18V, 24V:24-29V

Overload: 105-135%, cut output, reset, automatic recovery.

Over-voltage protection :125-155%, shut down the output.

Start, rise, hold time: In the full load and 230VAC, 800ms, 30ms, 50ms.

Withstand voltage: between input and output: 3KVAC. One minute.

Operating temperature: -20-60 °C 100%

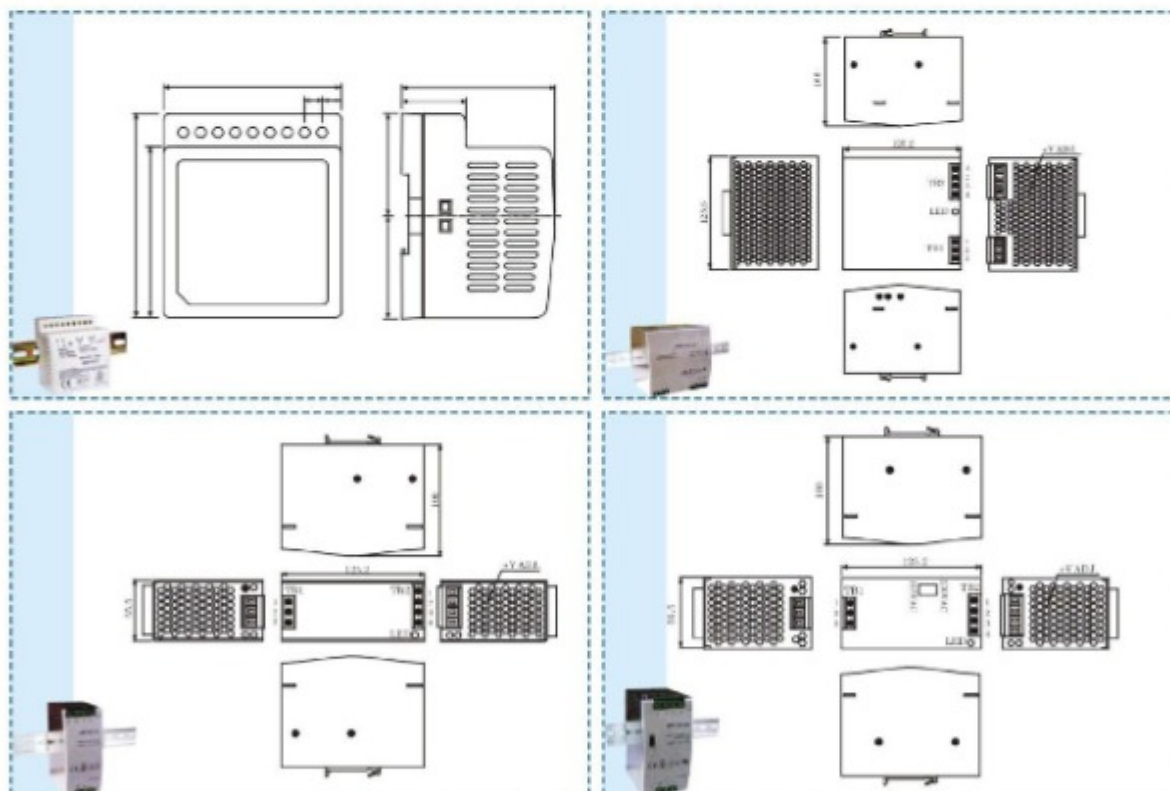
Safety Standards: Meet UL60950-1, TUVEN60950-1, EN50178

EMC Standard: EN55022D class B, EN61000-3-2,

EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204

Link: Enter the two terminals. Output 4 terminal block screws

Dimension: (L × W × H) mm 100 × 93 × 56mm





Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DR-75-12	12V, 0~5.3A	± 2 %	100mvp-p	76%
DR-75-24	24V, 0~3.2A	± 1 %	150mvp-p	80%
DR-75-48	48V, 0~1.6A	± 1 %	240mvp-p	81%

◇ Features 75W Single Output DIN Rail Power

- Soft-start current can reduce the AC input impact effectly
- Low price and high reliability
- 105℃ output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- With short-circuit and overload protection
- Compact size, light weight
- 100% full load burn-in
- Installed with EMI filter, minimum wave
- 2 years warranty

AC input voltage range: 85~264VAC; 120~370VDC

AC inrush current: Cold start, 20A at 115VAC, 40A at 230VAC

DC adjustment range: 12V: 12~1V, 24: 24~28V, 48V: 48~53V

Overload protection: 105%~150% constant current limiting,

auto-recovery

Over voltage protection: 121%~142% rated output voltage

Setup, rise, hold up time: 1000ms, 60ms, 50ms at full load and 230VAC

Withstand voltage: I/P- O/P: 3KVAC, I/P- FG: 1.5KVAC, 1 minute

Working temperature: -10~60℃ (refer to output derating curve)

EMC standards: EN55022 class B, EN61000-3-2, 3, EN61000-6-2,

EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204

Connection: I/P: 3 poles, O/P: 4 poles screw DIN terminal

Dimension: (L × W × H) mm 55.5 × 125.2 × 100mm



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DR-120-12	12V, 0~10A	± 2 %	80mvp-p	80 %
DR-120-24	24V, 0~5A	± 1 %	80mvp-p	84 %
DR-120-48	48V, 0~2.5A	± 1 %	100mvp-p	85 %

◇ Features 120W Single Output DIN Rail Power

- Globally applicable AC input power
- Low-cost, high reliability and
- 105℃ output capacitor
- High efficiency, operating temperature low temperature
- There are short-circuit protection, overload protection
- Small size, light weight,
- 100% full load burn-in test
- Built-in EMI filter, a very small ripple
- 2 years warranty

Input voltage range: 88~132VAC / 176~264VAC 47~63Hz 248~370VDC

Input Current: 3.3A/115V 2A/230V

Inrush Current: Cold start 30A/115V 60A/230V current

Leakage Current: <3.5mA/240VAC

Temperature Coefficient: 85℃ ± 5℃ (TSW1) 90℃ ± 5℃ (TSW1)

Start, rise, hold time: 500ms, 70ms, 30ms/230VAC

Earthquake resistance: 10~500Hz, 2G 10min, 1 cycle, a total of 60 minutes, each axis

Pressure resistance: input and output between: 3KVAC input and shell: 1.5KVAC output and shell: 0.5KVAC

Isolation resistance: input and output, the input and shell, shell output: 500VDC/100MΩ

Temperature, humidity: -10℃ ~ +50℃, 20%~90% RH

Storage temperature and humidity: -20℃ ~ +85℃, 10%~95% RH

Dimension: (L × W × H) mm 65.5 × 125.2 × 100mm



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DRP-240-24	24V,0-10A	± 1%	80mvp-p	84%
DRP-240-48	48V,0-5A	± 1%	150mvp-p	85%

◇ Features 240W Single Output with PFC Function

- Globally applicable AC input power
- Low-cost, high reliability and
- 105 °C output capacitor
- High efficiency, operating temperature low temperature
- There are short-circuit protection, overload protection
- Small size, light weight,
- 100% full load burn-in test
- Built-in EMI filter, a very small ripple
- 2 years warranty

Input voltage range :88-264VAC 47-63Hz 120-370VDC
Power Factor: Pfc> 0.98/115vs, Pfc> 0.95/230vs atfull load
Input Current: 3.5A/115V 1.8A/230V
Inrush Current: Cold start 30A/115V 60A/230V current
Leakage Current: <3.5mA/240VAC
Overload protection:105-150%

Type: current limiting, reset, automatic recovery.
Over-voltage protection :30-34V for 24V model, 54-60V for 48V
High temperature protection: 100 °C ± 5 °C (TSW1)
Temperature Coefficient: ± 0.03%/ °C (0-50 °C)
Start, rise, hold time: 800ms, 40ms, 20ms, / 230VAC
800ms, 40ms, 20ms, / 115VAC
Earthquake resistance :10-500Hz, 2G 10min, / 1 cycle, a total of 60 minutes, each axis
Pressure resistance: between input and output: 3KVAC input and shell: 1.5KVAC output and shell: 0.5KVAC
Isolation resistance: input and output, the input and Waikou, output and shell: 500VDC/100MΩ
Temperature, humidity: -10 °C +50 °C, 20% -90% RH
Storage temperature and humidity: -20 °C +85 °C, 10% -95% RH
Dimension: (L × W × H) mm 125.5 × 125.2 × 100mm



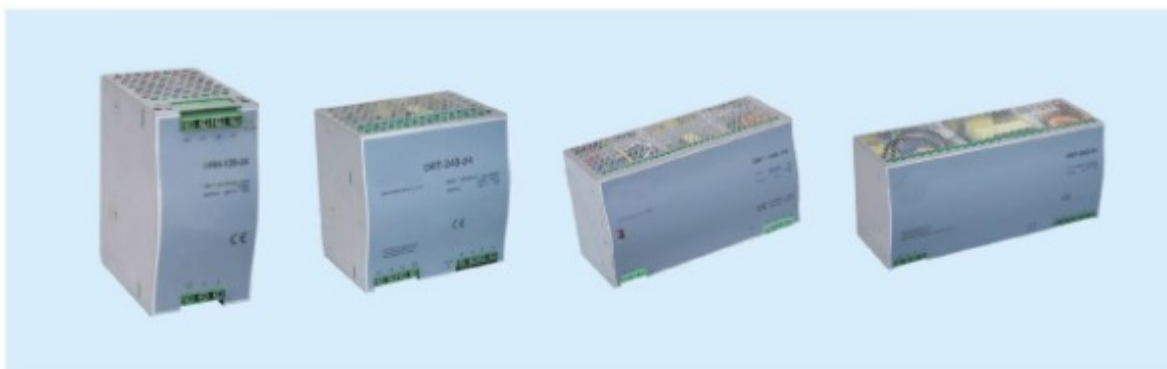
Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DRP-480S-24	24V,0-20A	± 1%	120mvp-p	89%
DRP-480S-48	48V,0-10A	± 1%	120mvp-p	89%

◇ Features 480W Single Output with PFC Function

- Globally applicable AC input power
- Low-cost, high reliability and
- 105 °C output capacitor
- High efficiency, operating temperature low temperature
- There are short-circuit protection, overload protection
- Small size, light weight,
- 100% full load burn-in test
- Built-in EMI filter, a very small ripple
- 2 years warranty

Input voltage range :180-264VAC; 250-370VDC
Input Current: 5.5A/115V 3A/230V
Inrush Current: Cold Start Current 40A/230V
Leakage Current: <3.5mA/240VAC
Overload protection:105-150%

Type: current limiting, reset, automatic recovery.
Over-voltage protection :30-34V for 24V model, 54-60V for 48V
High temperature protection: 100 °C ± 5 °C (TSW1)
Temperature Coefficient: ± 0.03%/ °C (0-50 °C)
Start, rise, hold time: 1200ms, 40ms, 160ms, / 230VAC
Earthquake resistance :10-500Hz, 2G 10min, / 1 cycle, a total of 60 minutes, each axis
Pressure resistance: between input and output: 3KVAC input and shell: 1.5KVAC output and shell: 0.5KVAC
Isolation resistance: input and output, the input and Waikou, output and shell: 500VDC/100MΩ
Temperature, humidity: -10 °C +60 °C, 20% -90% RH
Storage temperature and humidity: -20 °C +85 °C, 10% -95% RH
Dimension: (L × W × H) mm 227 × 125.2 × 100mm



◇ Features DIN Series DRH-120, DRT-240, DRT-480, DRT-960

- Globally applicable AC input power
- Low-cost, high reliability and 105 °C output capacitor
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- Small size, light weight,
- 100% full load burn-in test
- Built-in EMI filter, a very small ripple
- 2 years warranty

Test conditions for the following parameters: 380VAC input power.

Input voltage range: 340-550VAC 3 pole four-wire(two phase for DRH-120)

Input Current: 1A 50-60Hz

Inrush current: cold start current is 50A at 400VAC

Overload protection: 105-150%

Type: current limit reset: Automatic restore

Over-voltage protection :30-36V for 24V, 59-66V,for 48V

Temperature Coefficient: $\pm 0.03\%$ (0 - 50 °C)

Earthquake resistance :10-500Hz, 2G 10min, 1 cycle, a total of 60 minutes, each axis

Pressure resistance: input and output between: 3KVAC

input and shell: 1.5KVAC output and shell:

0.5KVAC 1 minute

Isolation resistance: input and output, the input and shell,

shell output: 500VDC/100M Ω

Temperature, humidity: -20 °C ~ +70 °C (DRT-240, DRT-480) ,

-20 °C ~ +70 °C (DRH-120, DRT-960)

DRH-120, Dimension: (L x W x H) mm 65.5 x 125.2 x 100mm

DRT-240,Dimension: (L x W x H) mm 125.2 x 125.2 x 100mm

DRT-480, Dimension: (L x W x H) mm 227 x 125.2 x 100mm

DRT-960, Dimension: (L x W x H) mm 276 x 125.2 x 100mm

Model	Output	Tolerance Voltage	Ripple And Noise	Efficiency
DRH-120-24	24V,0-5A	$\pm 1\%$	80mvp-p	85%
DRH-120-48	48V, 0-2.5A	$\pm 1\%$	80mvp-p	86%

Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DRT-240-24	24V,0-10A	$\pm 1\%$	80mvp-p	89%
DRT-240-48	48V,0-5A	$\pm 1\%$	80mvp-p	89%

Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DRT-480-24	24V,0-20A	$\pm 1\%$	80mvp-p	89%
DRT-480-48	48V,0-10A	$\pm 1\%$	80mvp-p	90%

Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
DRT-960-24	24V,0-40A	$\pm 1\%$	80mvp-p	91%
DRT-960-48	48V,0-20A	$\pm 1\%$	80mvp-p	92%



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
SDR-120-12	12V, 0-10A	± 1%	100mvp-p	89%
SDR-120-24	24V, 0-5A	± 1%	100mvp-p	91%
SDR-120-48	48V, 0-2.5A	± 1%	120mvp-p	90%

◇ Features DIN Series SDR-120

- Efficiency over 94%, low loss
- 150% peak load capacity
- Built-in active IC simplifies PFC function, PF > 0.94
- Protect categories: short-circuit/load/overvoltage/after temperature
- Natural air-cooled
- Install track: TS - 35/7.5 or TS - 35/15
- EN61000-6-2 (EN50082-2) industrial tolerance level
- Built-in DC OK relay contacts
- 100% loaded with aging test
- 2 years warranty

Start, rise time: 1500ms, 60ms / 230VAC 3000ms, 60ms / 115VAC (full)

Keep time: 20ms / 230VAC 20ms / 115VAC (full)

Input voltage range: 88 ~ 264VAC; 124~370VAC

Ac current: 2.0A / 115VAC 1.3A / 230VAC

Surge current: 115VAC 33A / 65A / 230VAC

The load rated output power: for 110% of the ~ 150%

Working temperature, humidity: - 25 ~ + 70 °C, 20 ~ 95% RH

Storage temperature, humidity: - 40 ~ + 85 °C, 10 ~ 95% RH

Electromagnetic interference (CISPR22) : conform to EN55022
scale-up B

Harmonic current: conform to EN61000-3-2-3

Electromagnetic tolerance: conform to EN61000-4-2.3.4.5.6.8.11,
ENV50204, EN55024, EN61204-3,
EN61000-6-2 (EN50082-2),
grade A heavy industry standards.

Size: 40 × 125.2 × 113.5mm (W*H*D)



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
SDR-240-24	24V, 0-10A	± 1%	100mvp-p	94%
SDR-240-48	48V, 0-5A	± 1%	100mvp-p	94%

◇ Features DIN Series SDR-240

- Efficiency over 94%, low loss
- 150% peak load capacity
- Built-in active IC simplifies PFC function, PF > 0.94
- Protect categories: short-circuit/load/overvoltage/after temperature
- Natural air-cooled
- Install track: TS - 35/7.5 or TS - 35/15
- EN61000-6-2 (EN50082-2) industrial tolerance level
- Built-in DC OK relay contacts
- 100% loaded with aging test
- 2 years warranty

Start, rise time: 1500ms, 60ms / 230VAC 3000ms, 60ms / 115VAC (full)

Keep time: 20ms / 230VAC 20ms / 115VAC (full)

Input voltage range: 88 ~ 264VAC; 124~370VAC

Ac current: 2.0A / 115VAC 1.3A / 230VAC

Surge current: 115VAC 33A / 65A / 230VAC

The load rated output power: for 110% of the ~ 150%

Working temperature, humidity: - 25 ~ + 70 °C, 20 ~ 95% RH

Storage temperature, humidity: - 40 ~ + 85 °C, 10 ~ 95% RH

Electromagnetic interference (CISPR22) : conform to EN55022
scale-up B

Harmonic current: conform to EN61000-3-2-3

Electromagnetic tolerance: conform to EN61000-4-2.3.4.5.6.8.11,
ENV50204, EN55024, EN61204-3,
EN61000-6-2 (EN50082-2),
grade A heavy industry standards.

Size: 63 × 125.2 × 113.5mm (W*H*D)



Model	Output	Tolerance Voltage	Ripple And noise	Efficiency
SDR-480-24	24V, 0-20A	± 1.2%	100mvp-p	94%
SDR-480-48	48V, 0-10A	± 1%	120mvp-p	94%

◇ Features DIN Series SDR-480

- Efficiency over 94%, low loss
- 150% peak load capacity
- Built-in active IC simplifies PFC function, PF > 0.94
- Protect categories: short-circuit/load/overvoltage/after temperature
- Natural air-cooled
- Install track: TS - 35/7.5 or TS - 35/15
- EN61000-6-2 (EN50082-2) industrial tolerance level
- Built-in DC OK relay contacts
- 100% loaded with aging test
- 2 years warranty

Start, rise time: 1500ms, 60ms / 230VAC 3000ms, 60ms / 115VAC (full)

Keep time: 20ms / 230VAC 20ms / 115VAC (full)

Input voltage range: 90 ~ 264VAC, 127~370VAC

Ac current: 2.6 A / 115VAC 1.3 A / 230VAC

Surge current: 115VAC 93A / 65A / 230VAC

The load rated output power: for 110% of the ~ 150%

Working temperature, humidity: - 25 ~ + 70 °C, 20 ~ 95% RH

Storage temperature, humidity: - 40 ~ + 85 °C, 10 ~ 95% RH

Electromagnetic interference (CISPR22) : conform to EN55022

scale-up B

Harmonic current: conform to EN61000-3-2-3

Electromagnetic tolerance: conform to EN61000-4-2.3.4.5.6.8.11,

ENV50204, EN55024, EN61204-3,

EN61000-6-2 (EN50082-2),

grade A heavy industry standards.

Size: 63 × 125.2 × 113.5mm (W*H*D)

