



Power Supply Features

Isolation Class II

- Universal AC input / Full range
- Protection: Short circuit / Overload / Over voltage
- Over temperature protection (DR-100)
- No load power consumption <1W (DR-100)
- No load power consumption <0.5W (DR-15)
- Installed on DIN rail TS35 / 7.5 or 15
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- 3 year warranty

General Specifications (Please refer to www.procontechology.com.au for detailed specs)



Model No.	DR-15	DR-30	DR-60	DR-100
AC input voltage range	85~264VAC; 120~370VDC		88~264VAC; 124~370VDC	
AC inrush current (max.)	Cold start, 65A at 230VAC	Cold start, 30A at 230VAC	Cold start, 36A at 230VAC	Cold start, 45A at 230VAC
DC adjustment range	±10% rated output voltage			12V: 12~15V, 15V: 15~18V, 24V: 24~29V
Overload protection	Range	105~160%		105~135%
	Type	constant current limiting, auto-recovery		
Over voltage protection	Range	115~135% rated output voltage		125~155% rated output voltage
	Type	Shut off, clamp by zener diode	Shut down, re-power on to recover	
Withstand voltage	I/P-O/P: 3kVAC			
Working temperature	-20°C ~ +60°C (refer to output load derating curve)			
Vibration	10~500 Hz, 2G 10min./ 1 cycle, period for 60min. each along X, Y, Z axes			
Safety standards	UL60950-1, TUV EN60950-1 approved			
EMC standards	EN55032 class B, EN61000-3-2,3, EN61000-6-2, EN61000-4-2,3,4,5,6,8,11, EN61204-3			
Connection	I/P and O/P: 2 pole screw DIN terminal	I/P: 2 pole, O/P: 4 pole screw DIN terminal		
Dimension (WxHxD)	25x93x56mm	78x93x56mm	78x93x56mm	100x93x56mm
Case No.	985A	918B	918B	970A
Weight	0.1kg	0.27kg	0.3kg	0.35kg

15W DR-15

Model No.	Output	Tol.	R&N	Eff.
DR-15-5	5V, 0~2.40A	±2%	80mV	77.0%
DR-15-12	12V, 0~1.25A	±1%	120mV	84.0%
DR-15-15	15V, 0~1.00A	±1%	120mV	83.5%
DR-15-24	24V, 0~0.63A	±1%	150mV	85.0%

60W DR-60

Model No.	Output	Tol.	R&N	Eff.
DR-60-5	5V, 0~6.5A	±2%	80mV	76%
DR-60-12	12V, 0~4.5A	±1%	120mV	82%
DR-60-15	15V, 0~4.0A	±1%	120mV	83%
DR-60-24	24V, 0~2.5A	±1%	150mV	84%

30W DR-30

Model No.	Output	Tol.	R&N	Eff.
DR-30-5	5V, 0~3.0A	±2%	80mV	74%
DR-30-12	12V, 0~2.0A	±1%	120mV	81%
DR-30-15	15V, 0~2.0A	±1%	120mV	82%
DR-30-24	24V, 0~1.5A	±1%	150mV	83%

100W DR-100

Model No.	Output	Tol.	R&N	Eff.
DR-100-12	12V, 0~7.5A	±2%	120mV	87%
DR-100-15	15V, 0~6.5A	±1%	120mV	87%
DR-100-24	24V, 0~4.2A	±1%	150mV	89%

Who can provide the best service and advice?
Who can be your supplier and partner in power supplies?
— "MEANWELL" is the answer —

Energy Saving —
We care about saving energy. This logo indicates that the model has "low no-load power consumption"

DR Series

15W ~ 960W Single Output DIN Rail Mounted



Power Supply Features

- Universal AC input (DR-45/75, DRP-240), AC selectable by switch (DR-120, DRP-480S) AC input 180~264VAC only (DRP-480)
- Built-in active PFC function (DRP-240)
- Built-in passive PFC (Power Factor correction) compliance to EN61000-3-2 (480W models)
- Protection: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS35 / 7.5 or 15
- UL508 (industrial control equipment) listed
- 100% full load burn-in test
- LED indicator for power on
- **3 year warranty**

General Specifications (Please refer to www.procontechology.com.au for detailed specs)

Model No.	DR-45	DR-75	DR-120	DRP-240	DRP-480	DRP-480S
AC input voltage range	85~264VAC(DR-45/75, DRP-240); 90~132/180~264VAC selectable by switch (DR-120, DRP-480S); 180~264VAC only (DRP-480)					
AC inrush current (230 VAC)	56A	40A	40A	45A	40A	45A
DC adjustment range	±10% 12V: 12~14V, 24V: 24~28V, 48V: 48~53V					
Overload protection	105~150% constant current limiting, auto-recovery					
Over voltage protection	Range	115~142% rated output voltage			30~36V for 24V model, 54~60V for 48V model	
	Type	Shut off, AC recycle to re-start				
Over temp. protection	Shut down output voltage, recovers automatically after temperature goes down (DRP-240, re-power on to recover)					
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC, 1 minute					
Working temperature	-10°C ~ +50°C	-10°C ~ +60°C		-10°C ~ +70°C	-20°C ~ +70°C	
Safety standards	UL508 , TUV EN60950-1, EAC TP TC 004 approved (UL60950-1 also for DR-120, DRP-240, DRP-480, DRP-480S)					
EMC standards	EN55032 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 heavy industry level, EAC TP TC 020					
Connection	I/P: 3 pole, O/P: 4 pole screw DIN terminal					
Dimension (WxHxD)	78x93x67mm	55.5x125.2x100mm	65.5x125.2x100mm	125.5x125.2x100mm	227x125.2x100mm	
Case No.	918A	923	921A	922A	930	
Weight	0.31kg	0.6kg	0.79kg	1.2kg	2.4kg	2.6kg

DR-45 Series



Model No.	Output	Tol.	R&N	Eff.
DR-4505	5V, 0~5.0A	±2%	100mV	72%
DR-4512	12V, 0~3.5A	±1%	200mV	77%
DR-4515	15V, 0~2.8A	±1%	240mV	77%
DR-4524	24V, 0~2.0A	±1%	480mV	80%

DR-75 Series



Model No.	Output	Tol.	R&N	Eff.
DR-75-12	12V, 0~6.3A	±2%	100mV	76%
DR-75-24	24V, 0~3.2A	±1%	150mV	80%
DR-75-48	48V, 0~1.6A	±1%	240mV	81%

DR-120 Series



Model No.	Output	Tol.	R&N	Eff.
DR-120-12	12V, 0~10A	±2%	80mV	80%
DR-120-24	24V, 0~5.0A	±1%	80mV	84%
DR-120-48	48V, 0~2.5A	±1%	100mV	85%

DRP-240 Series



Model No.	Output	Tol.	R&N	Eff.
DRP-240-24	24V, 0~10A	±1%	80mV	84%
DRP-240-48	48V, 0~5.0A	±1%	150mV	85%

DRP-480 Series



Model No.	Output	Tol.	R&N	Eff.
DRP-480-24	24V, 0~20A	±1%	120mV	89%
DRP-480-48	48V, 0~10A	±1%	120mV	89%

DRP-480S Series



Model No.	Output	Tol.	R&N	Eff.
DRP-480S-24	24V, 0~20A	±1%	120mV	89%
DRP-480S-48	48V, 0~10A	±1%	120mV	89%



To satisfy all customers is our goal —

- High Quality
- Low Cost
- Prompt Delivery
- Simply the Best Service



Power Supply Features

- Input 340~550VAC, 3-phase
(two phase for DRH-120)
- Protection: Short circuit / Overload /
Over voltage / Over temperature
- Built-in constant current limiting circuit
- Cooling by free air convection
- Can be installed on DIN rail TS35 / 7.5 or 15
- UL 508 (industrial control equipment)
listed (240~960W)
- EN61000-6-2 industrial immunity level
- Optional parallel function (1 + 1) (960W only)
- 100 % full load burn-in test
- LED indicator for power on
- **3 year warranty**

General Specifications

Model No.	DRH-120	DRT-240	DRT-480	DRT-960
AC input voltage range	340~550VAC, 2-phase	340~550VAC, 3-phase (2 phase operation possible)		
AC inrush current (max.)	Cold start, 50A at 400VAC			
DC adjustment range	24V: 24~28V, 48V: 48~55V			
Overload protection	Range	105~160%	105~150%	105~125%
	Type	Constant current limiting, auto-recovery		
Over voltage protection	Range	24V: 30~36V, 48V: 59~66V		
	Type	Shut off, AC recycle to re-start		
Over temperature protection	Shut down output voltage, recovers automatically after temperature goes down			
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, O/P-FG: 0.5kVAC, 1 minute			
Working temperature	-20°C ~ +60°C	-20°C ~ +70°C		-20°C ~ +60°C
Safety standards	UL60950-1 approved	UL508, UL60950-1, TUV EN60950-1, EAC TP TC 004 approved		
EMC standards	EN55032 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61204-3, EN61000-6-2 heavy industry level, EAC TP TC 020			
Connection (screw terminals)	I/P: 3 pole, O/P: 4 pole	I/P: 4 pole, O/P: 4 pole		I/P: 4 pole, O/P: 6 pole
Dimension (WxHxD)	65.5x125.2x100	125.5x125.2x100mm	227x125.2x100mm	276x125.2x100mm
Case No.	921A	922A	930A	934
Weight	0.75kg	1.3kg	2.5kg	3.3kg

DRH-120 (2 Phase)



Model No.	Output	Tol.	R&N	Eff.
DRH-120-24	24V, 0~5.0A	±1%	80mV	85%
DRH-120-48	48V, 0~2.5A	±1%	80mV	86%

DRT-480 (3 Phase)



Model No.	Output	Tol.	R&N	Eff.
DRT-480-24	24V, 0~20A	±1%	80mV	89%
DRT-480-48	48V, 0~10A	±1%	80mV	90%

DRT-240 (3 Phase)



Model No.	Output	Tol.	R&N	Eff.
DRT-240-24	24V, 0~10A	±1%	80mV	89%
DRT-240-48	48V, 0~5.0A	±1%	80mV	89%

DRT-960 (3 Phase)



Model No.	Output	Tol.	R&N	Eff.
DRT-960-24	24V, 0~40A	±1%	80mV	91%
DRT-960-48	48V, 0~20A	±1%	80mV	92%



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