



## 45~480W Single Output

- ◆ Universal AC input/Full range(DR-45/75, DRP-240)  
AC input selectable by switch(DR-120, DRP-480S)  
AC input 180~264V only(DRP-480)
- ◆ Built-in passive PFC function compliance to EN61000-3-2(480W models)
- ◆ Protections: 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
- ◆ 2 years warranty

### General Specification

Model No.	DR-45	DR-75	DR-120	DRP-240	DRP-480
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(230VAC)	56A	40A		45A	40A
DC adjustment range	±10%	12V: 12~14V, 24V: 24~28V, 48V: 48~53V			
Overload protection	105%~150% constant current limiting, auto-recovery				
OVP	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				
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, 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 approved (UL60950-1 also for DR-120, DRP-240, DRP-480)				
EMC standards	EN55022 class B, EN61000-3-2,3, ENV50204, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 heavy industry level				
Connection	I/P: 3 poles, O/P: 4 poles screw DIN terminal				
Dimension(W*H*D)(mm)	78×93×67	55.5×125.2×100	65.5×125.2×100	125.5×125.2×100	227×125.2×100
Packing	0.28kg/pc	0.54kg/pc	0.71kg/pc	1.1kg/pc	2.5kg/pc

### DR-45 Series

Model No.	Output	Tol.	R&N	Effi.
DR-45-5	5V, 0-5.0A	±2%	100mV	72%
DR-45-12	12V, 0-3.5A	±1%	200mV	77%
DR-45-15	15V, 0-2.8A	±1%	240mV	77%
DR-45-24	24V, 0-2.0A	±1%	480mV	80%

### DR-75 Series

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