

WDR/TDR Series



Metal Case — 120~480W Slim Wide Input Range / 480~960W Slim 3-phase

Features

- **AC input range:**
 WDR - Single and two phase, 180~550VAC wide input
 TDR - Three phase, 340~550VAC input
- Width only 110mm for TDR-960; 85.5mm for TDR-480
- Built-in active PFC function (except for WDR-120)
- **High efficiency up to 94.5%**
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Built-in constant current limiting circuit
- Cooling by free air convection
- Working temperature: -30~+70°C
- Can be installed on DIN rail TS-35/7.5 or 15
- Built-in DC OK relay contact (optional for TDR-480)
- Current sharing up to 3840W(3+1) for TDR-960
- 3 years warranty



Dimension (WxHxD)

WDR-120	40x 125.2x 113.5mm	WDR-480	85.5x 125.2x 128.5mm
WDR-240	63x 125.2x 113.5mm		



Dimension (WxHxD)

TDR-480	85.5x 125.2x 128.5mm
TDR-960	110x 125.2x 150mm

120W (WDR-120)



Model No.	Output	Tol.	R&N	Effi.
WDR-120-12	12V, 10A	±1.5%	120mV	89.5%
WDR-120-24	24V, 5.0A	±1.0%	120mV	91.0%
WDR-120-48	48V, 2.5A	±1.0%	150mV	92.0%

240W (WDR-240)



Model No.	Output	Tol.	R&N	Effi.
WDR-240-24	24V, 10A	±1.0%	150mV	91%
WDR-240-48	48V, 5.0A	±1.0%	150mV	91%

480W (WDR-480)



Model No.	Output	Tol.	R&N	Effi.
WDR-480-24	24V, 20A	±1.0%	100mV	92%
WDR-480-48	48V, 10A	±1.0%	150mV	93%

480W (TDR-480)



Model No.	Output	Tol.	R&N	Effi.
TDR-480-24	24V, 20A	±1.0%	150mV	92.0%
TDR-480-48	48V, 10A	±1.0%	240mV	92.0%

960W (TDR-960)



Model No.	Output	Tol.	R&N	Effi.
TDR-960-24	24V, 40A	±1.0%	180mV	94.0%
TDR-960-48	48V, 20A	±1.0%	250mV	94.5%

WDR vs. TDR

Series	Difference	AC Input Voltage
	WDR	
TDR		3-phase; 340~550VAC