

ARV-DR12240-DIN (12V, 20A, 240W, PFC)

ARV-DR24240-DIN (24V, 10A, 240W, PFC)

Features:

- Universal AC input/ full range
- Built-in active PFC function
- Protections: Short circuit/ Over load/ Over voltage/ Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- LED indicator for power on
- 100% full load burn-in test
- Fixed switching frequency at 100KHz
- 3 years warranty
- Dimensions: 125.5*125.2*100mm



Specification:

	ARV-DR24240-DIN (24V, 10A, 240W, PFC)	ARV-DR12240-DIN (12V, 20A, 240W, PFC)
DC Voltage	24V	12V
Voltage Tolerance	±1%	±1%
Rated Current	10A	20A
Current Range	0-10A	0-20A
Rated Power	240W	240W
Ripple & Noise	80mVp-p	80mVp-p
DC Adjustment Range	24-28V	12-14V
Setup, Rise Time	800ms,40ms/230VAC at full load800ms,40ms/115VACat full load	
Hold Time	24ms/230VAC24ms/115VAC at full load	

INPUT	Voltage Range	88~264VAC 47~63 Hz; selected by switch 120~370VDC
	AC Current	2.8A/115V 1.4A/ 230V
	Efficiency	84%(HDR-240-24); 82%(HDR-240-12)
	Inrush Current	Cold start 27A/115V 45A/230V
	Leakage Current	<3.5mA/240VAC
PROTECTION	Over Load	105%~150%
		Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over Voltage	30-36V (HDR-480-24);15-18V (HDR-240-12)
	OVER TEMP.	Protection type: Shut down o/p voltage, re-power on to recover 100°C±5°C(TSW1)
ENVIRONMENT		Protection type: Shut down o/p voltage, recovers automatically after temperature goes down
	Working Temp., Humidity	-10°C~+70°C; 20%~90 %RH
	Storage Temp., Humidity	-20°C~+85°C; 10%~95 %RH
	Vibration	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes

SAFETY	Withstand Voltage	I/P-O/P: 3KVACI/P-FG: 1.5KVACO/P-FG: 0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC
STANDARD	Safety Standard	Design refer to UL508,UL60950-1, TUV EN60950-1
	EMC Standard	EN55011,EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11,ENV50204,EN55024,EN61000-6-2(EN50082-2)
OTHERS	Weight	1.2Kg
	Packing	12pcs/15.5Kg/1.2CUFT

NOTE:

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12"twisted pair-wire terminated with a 0.1 μ & 47 μ parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.
4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.
5. Derating may be needed under low input voltages. Please check the derating curve for more details.