

ARD-150-24V-12V (4A, 100W+50W)

Features

- Protections: Short circuit, Over load
- Free air cooling convection
- 100% full load burn-in test
- 1 year warranty

Specification

Input	AC input voltage range	88~132VAC/176 / 264VAC selectable by switch
	AC input voltage frequency	47~63Hz
	AC input current	3A/115VAC 1.6A/230VAC
	AC input current	Cold start, 40A
	Efficiency	78%
	Leakage current	<3.5mA/240VAC
Output	DC output voltage	V1: 24VDC, V2: 12VDC
	DC output rated current	V1: 4A, V2: 4A
	DC output current range	V1: 0.4A~4A DC, V2: 0A~4A DC
	DC output rated power	144W
	Ripple & Noise (max)	V1: 200mVp-p, V2:120mV)Measured at 20MHz of bandwidth by using a 12mm twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor)
	DC output line regulation	±0.5%
	DC output load regulation	±1%
	Power setup time	500mS at full load
	Power rise time	50mS at full load
	Power hold time	16mS at full load
Power respond time	500uS	
Protection	Over load	110~150% of rated load, Shut off, Ac-recycle to re-start
	Short circuit	Shut off, Ac-recycle to re-start
Working Environment	Working temperature range	-10°C ~ 40°C @100%, 60°C @60% load
	Working humidity range	20~90%RH non-condensing
	Storage temperature range	-20°C ~ +85°C
	Storage humidity range	10~95%RH
	Temperature coefficient	±0.03%/°C (0~50°C)
	Vibration	10~500Hz, 2G, 10min/cycle, 60min, each along X,Y,Z axes
Safety & EMC	Safety standards	Design refer to GB4943-2001, UL1012
	Withstand voltage	I/P-O/P, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 100MΩ/500VDC
	EMC standards	Design refer to EN55022, Class A
Others	MTBF	100 000 hours min, MIL-HDBK-217F(25°C)
	Dimension	199*110*50 (L*W*H)
	Connection	HB9500-7P terminal block
	Weight	0.8Kg/pc
	Packing	20pcs/Carton, 16Kg

Mechanical Specification

