VOLKTEK

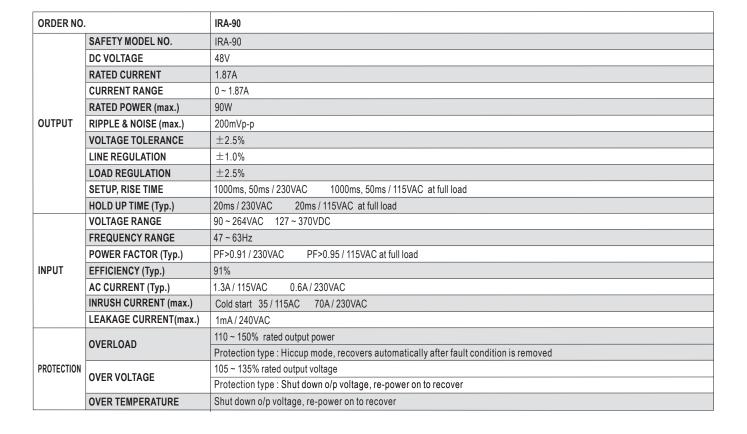
IRA-90

90WAC-DC High Reliability Industrial Adaptor

Features

- Universal AC input / Full range
- 3 pole IE320-C14 AC inlet
- Built-in PFC (power factor controller)
- No load power consumption < 0.15W
- Energy efficiency Level VI
- Compliant with EISA 2007/DoE, NR Can, AU/NZ MEPS, EU ErP, and CoC Version 5
- Class I power (with earth pin)
- Short circuit, overload, over voltage, and over temperature protection
- Enclosed in plastic case
- Fanless with -30 to 70 °C working temperature
- LED power-on indicator
- 3 years warranty

Specifications





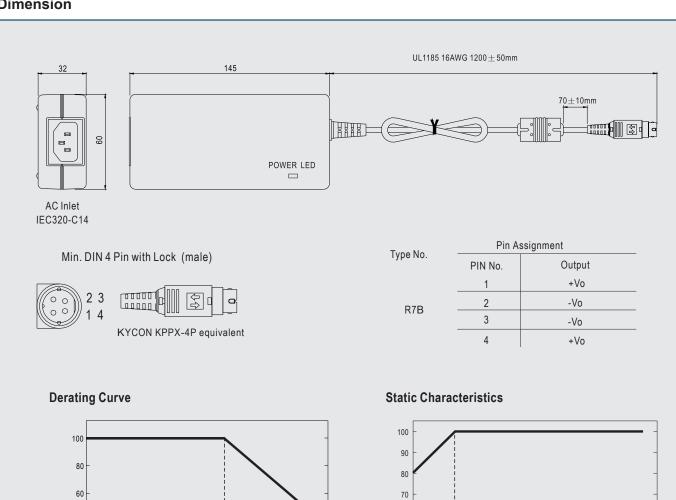




Specifications

ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C (Refer to "Derating Curve")
	WORKING HUMIDITY	20% ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH non-condensing
	TEMP. COEFFICIENT	±0.03% / °C (0~40°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
SAFETY & E M C	EMC EMISSION	EN55032(CISPR32),FCC PART 15 / CISPR22 CAN ICES-3(B)/NMB-3(B), CNS13438, GB17625.1 EAC TP TC 020, MSIP KN32 EN61000-3-2 GB9254, EN61000-3-3, EN61000-4-2, 3, 4, 5, 6, 8, 11
	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH
OTHERS	MTBF	348.7K hrs min. MIL-HDBK-217F(25°C)
	DIMENSION	145*60*32mm (L*W*H)
	PACKING	0.45Kg; 30pcs/14.05Kg/1CUFT
CONNECTOR	PLUG	Min. DIN 4 Pin with Lock (male)
NOTE	 All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. DC voltage: The output voltage set at point measure by plug terminal & 50% load. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1μf & 47μf capacitor. Tolerance: includes set up tolerance, line regulation, load regulation. Line regulation is measured from low line to high line at rated load. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time. 	

Dimension



(%) **QVO** 60

70 (HORIZONTAL)

50

40

110 120 140 160 180 200 220 240 264

INPUT VOLTAGE (VAC) 60Hz

50

40

20

-30

10 20 30

AMBIENT TEMPERATURE (°C)

40

50 60

LOAD (%)