

IEAK 75-200

AC/DC Single Output 75-200 Watts



■ Features:

- Green design, No-load power consumption < 0.7W
- Universal AC input with active PFC
- Protections: Short circuit / Over load / Over voltage
Brown-out (Low AC Input Voltage)
- Cooling by free air convection
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70°C
- Power ON with LED indicator
- 100% full load burn-in test
- High efficiency , long life and high reliability

MODEL	IEAK-75	IEAK-100	IEAK-150	IEAK-200
DC Voltage Adj. Range	±10%			
AC Voltage Range	90~264VAC 127~370VDC			
AC Inrush Current (Typ.)	27A / 115VAC 55A / 230VAC		30A / 115VAC 55A / 230VAC	
Over Load	>105% rated output power			
	Protection type : Hiccup mode, recovers automatically after fault condition is removed			
Over Voltage	115%~150% rated output voltage			
	Protection type : Latch-off mode			
Working Temp.	-20 ~ +70°C (Refer to output load de-rating curve)			
Vibration	10~500Hz, 5G 10min./1 cycle, period for 60 min each along X,Y,Z axes			
Withstand Voltage	I/P - O/P: 3KVAC , I/P - FG: 1.5KVAC , O/P-FG: 0.5KVAC, 1minute			
EMC & Safety Standards	UL60950-1, 2 nd Edition, TUV EN60950-1: 2006+A11 Approved			
	EN55022 : 2006 Class B			
	EN61000-3-2 :2006 Class A, EN61000-3-3 : 1995+A1 : 2001+A2 : 2005			
	EN61204-3 : 2000, EN55024 : 1998+A1 : 2001+A2 : 2003 light industry level, criteria A			
Packing	157x98x42mm / 6.18x3.86x1.65 inch (B-1)		197x98x42mm / 7.76x3.86x1.65 inch (B-2 / B-2A)	
	0.65kg ; 24Pcs / 15.6kg		0.7kg ; 24Pcs / 16.8kg	0.8kg ; 24Pcs / 19.2kg
Warranty	2 years			

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Model IEAK-		75-5	75-7	75-12	75-13.5	75-15	75-24	75-27	75-48
Output	DC Voltage Range	5V	7.5V	12V	13.5V	15V	24V	27V	48V
	Rated Current	15A	10A	6.3A	5.6A	5A	3.2A	2.8A	1.6A
	Rated Power	75W	75W	75.6W	75.6W	75W	76.8W	75.6W	76.8W
	Ripple & Noise (Max.)	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	120mVp-p	120mVp-p	200mVp-p
Input	Efficiency (Typ.)	83%	85%	85%	86%	88%	89%	89%	89%

Model IEAK-		100-05	100-7.5	100-12	100-13.5	100-15	100-24	100-27	100-48
Output	DC Voltage Range	5V	7.5V	12V	13.5V	15V	24V	27V	48V
	Rated Current	20A	13.5A	8.5A	7.5A	6.7A	4.2A	3.8A	1.95A
	Rated Power	100W	101.2W	102W	101.2W	100.5W	100.8W	102.6W	93.6W
	Ripple & Noise (Max.)	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	120mVp-p	120mVp-p	200mVp-p
Input	Efficiency (Typ.)	83%	85%	85%	86%	88%	89%	89%	89%

Model IEAK-		150-05	150-7.5	150-12	150-13.5	150-15	150-24	150-27	150-48
Output	DC Voltage Range	5V	7.5V	12V	13.5V	15V	24V	27V	48V
	Rated Current	20A	20A	12.5A	11.2A	10A	6.3A	5.6A	3.2A
	Rated Power	100W	150W	150W	151.2W	150W	151.2W	151.2W	153.6W
	Ripple & Noise (Max.)	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	120mVp-p	120mVp-p	200mVp-p
Input	Efficiency (Typ.)	79%	82%	86%	87%	87%	87%	89%	89%

Model IEAK-		200-05	200-7.5	200-12	200-13.5	200-15	200-24	200-27	200-48
Output	DC Voltage Range	5V	7.5V	12V	13.5V	15V	24V	27V	48V
	Rated Current	40A	26.7A	16.7A	14.9A	13.4A	8.4A	7.5A	4.2A
	Rated Power	200W	200W	200W	201W	201W	201W	202W	201W
	Ripple & Noise (Max.)	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	120mVp-p	120mVp-p	200mVp-p
Input	Efficiency (Typ.)	78%	81%	85%	86%	86%	87%	88%	88%