

# IEAK 1500-3000

AC/DC Single Output 1500-3000 Watts



## ■ Features:

- Universal AC input with active PFC
- Programmable output Voltage ( 30% ~ 105% )
- Programmable output Current ( 40% ~ 105% )
- High efficiency up to 90%
- +5V / 0.5A auxiliary output
- Intelligent LED indicators
- Low profile, High power density
- Forced current sharing at parallel operation
- Power OK signal ( Power good, Logic low)
- Remote ON-OFF, Remote sense function
- Protections : OVP, OLP, OTP, SCP, Fan failure
- Loading and temperature controlled cooling fan

Model	IEAK-1500	IEAK-3000
DC Voltage Adj. Range	±5% Typical adjustment by potentiometer	
AC Voltage Range	90~264VAC 127~370VDC	
AC Inrush Current (Typ.)	30A / 115VAC 45A / 230VAC	60A / 115VAC 90A / 230VAC
Over Load	105 ~ 110% rated output power Protection type : Constant current limiting, Latch-style (Recovery after reset AC power ON or enable )	
Over Voltage	Variable OVP, 120%±5% Vout Protection type : Latch – style (Recovery after reset AC power ON or inhibit)	
Working Temp.	-25 ~ +60°C (Refer to output load de-rating curve)	
Vibration	Compliance to IEC 68-2-6, IEC 68-2-64	
Withstand Voltage	I/P - O/P: 3KVAC , I/P - FG: 1.5KVAC , O/P-FG: 0.5KVAC	
EMC & Safety Standards	UL60950-1, 2 <sup>nd</sup> Edition, TUV EN60950-1: 2006+A11 Approved	
	EN55022 : 2006 class B	EN55022 : 2006 class A
	EN61000-3-2: 2006, EN61000-3-3: 1995+A1: 2001+A2: 2005	EN61000-3-2 : 2006, EN61000-3-3 : 2008
	EN61204-3: 2000, EN55024: 1998+A1: 2001+A2: 2003	EN61204-3:2000, EN55024 : 1998+A1 : 2001+A2 : 2003
Packing	280x127x63.5mm / 11.02x5.00x2.5 inch (C-3)	305x127x127mm / 12.01x5.0x5.0 inch (C-4)
	3.2kg ; 6pcs / 19.2kg / 0.98 CUFT	6.4kg ; 4pcs / 26.2kg / 2.11 CUFT
Warranty	2 years	

# IEAK 1500-3000

Model		IEAK-1500-12	IEAK-1500-15	IEAK-1500-24	IEAK-1500-27	IEAK-1500-48
Output	DC Voltage Range	12V	15V	24V	27V	48V
	Rated Current	125A	100A	62.5A	55.5A	31.3A
	Rated Power	1500W	1500W	1500W	1500W	1500W
	Ripple & Noise (Max.)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p
Input	Efficiency (Typ.)	87%	88%	89%	89%	90%

Model		IEAK-3000-12	IEAK-3000-15	IEAK-3000-24	IEAK-3000-27	IEAK-3000-48
Output	DC Voltage Range	12V	15V	24V	27V	48V
	Rated Current	250A	200A	125A	111A	62.5A
	Rated Power	3000W	3000W	3000W	3000W	3000W
	Ripple & Noise (Max.)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p
Input	Efficiency (Typ.)	87%	88%	89%	89%	90%

## ■ Mechanical Specification

