



ETA-USA

The Power Professionals

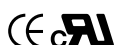
AOPS1500

1500W AC/DC



Features

- Small Size
- Built in PFC circuit
- Wide Input voltage range 100-240 VAC
- Over voltage protection
- Overcurrent protection
- 4 Yr warranty**



MODEL/CHANNEL		Unit	AOPS1500 -5	AOPS1500 -9	AOPS1500 -12	AOPS1500 -15	AOPS1500 -24	AOPS1500 -48
OUTPUT	Nominal Voltage	[V]	5	9	12	15	24	48
	Setting Voltage Range	[V]	4.95~5.05	8.91~9.09	11.88~12.12	14.85~15.15	23.76~24.24	47.52~48.48
	Current	[A]	240	150	125	100	63	32
	Voltage Adjustment	[V]	Voltage adjustment trim is +/- 15%					
	Rated Power	[W]	1200	1350	1500	1500	1512	1536
	Line Regulations	[mV]	25	45	60	75	120	240
	Load Regulations	[mV]	100	45	60	75	120	240
	Temperature Drift	[mV]	75	135	180	225	360	720
	Ripple & Noise(pk-pk)	[mV]	150	150	150	150	150	200
	Start-up, Rise Time typ.	[ms]	1500 typ., 100 typ., (AC IN 110/220V, lo=100%)					
INPUT	Hold-up Time typ.	[ms]	10(AC IN 110V, lo=100%), 15 (15 IN 220 V, lo=100%)					
	Voltage, Frequency	[V]	AC 100~240V (AC90~264V), 50/60Hz (43~63) or DC127~370 V					
	Current Typ. 110V 220V	[A]	14 7	15 7.5	16 7.8	16 7.8	16 7.8	16 7.8
	Efficiency 110V 220V	[%]	78 80	82 85	83 87	83 87	86 90	87 91
	Power Factor 110V 220V	-	.98(lo=100%) .95 (lo=100%)					
	Inrush Current Typ.110V 220V	[A]	30 (Ta=25 C. Cold Start) 60 (Ta=25C, Cold Start)					
	Leakage Current 110V 1mA Max 220V	[mA]	0.6 (Typ.) 1.0 (Typ.)					
Function	Over Current Protection ⁽²⁾	[A]	Works at 105~135% rating Protection type Constant current limiting unit will shut down after 5 sec. (Re-power on to recover)					
	Auxiliary Power (AUX)	-	12V/0.1A (only for remote ON/OFF control)					
	Remote Sensing	-	Available					
	Remote ON.OFF	-	Available					
	Alarm Signal	-	POK (Open collector output)					
	Cooling/O.T.P	-	Forced air cooling / Fan					
Electrical Isolation	(1) Input - Output	-	AC 3.0 KV 1min., cut-off: 20mA / DC 500V 100 MO					
	(2) Input - F.G	-	AC 2.0 KV 1min., cut-off: 20mA / DC 500V 100 MO					
	(3) Output - F.G	-	AC 0.5 KV 1min., cut-off: 100mA / DC 500V 100 MO					
Environment	Operating temp. &	-	-10 ~70 C. 20~90% RH (NON condensing)					
	Storage temp. & Humidity	-	-20 ~85 C. 20~90% RH (NON condensing)					
	Vibration	-	10~55Hz @ 1 G 3minutes PERIOD, 30minutes along X,Y & Z axis					
Dimension	Size(WxHxD) / Weight	mm/g	126.5 x 82 x 280/ 3800					
Safety	CB, CE, UL, C-UL	-	EN60950-1 UL60950-1;					
Emission	Conducted Emission	-	Complied with EN55022-A					
PFHC	Harmonic Content	-	Complied with IEC61000-3-2-3					



ETA-USA

16170 Vineyard Blvd. Suite 180 Morgan Hill, CA 95037 <http://www.eta-usa.com>
Toll-free (US only): 800-ETA-POWER (800-382-7697) Telephone: 408 778-2793 FAX: 408-779-2753

©2014 ETA-USA All Rights Reserved

ETA-USA reserves the right to make changes to the products and specifications without prior notice. Please contact the factory for latest information.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ETA-USA:](#)

[AOPS1500-48](#) [AOPS1500-15](#) [AOPS1500-5](#) [AOPS1500-24](#) [AOPS1500-9](#) [AOPS1500-12](#)