



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%)						
Hold-up Time typ.	[ms]	10(AC IN 110V, lo=100%), 15 (15 IN 220 V, lo=100%)							
INPUT	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. & Storage temp. & Humidity	-	-10 ~70 C. 20~90% RH (NON condensing)						
	Vibration	-	-20 ~85 C. 20~90% RH (NON condensing)						
		-	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						

