



ETA-USA

The Power Professionals

AOPS30

30W AC/DC



Features

- Inrush Current Limit
- Wide Input voltage range Universal input
- Over voltage protection
- Overcurrent protection
- 4 Yr warranty**



MODEL/CHANNEL	Unit	AOPS30-3.3	AOPS30-5	AOPS30-9	AOPS30-12	AOPS30-15	AOPS30-24	AOPS30-48		
OUTPUT	Nominal Voltage	[V]	3.3	5.0	9.0	12.0	15.0	24	48	
	Current	[A]	6	6	3.4	2.5	2	1.3	0.63	
	Line Regulations	[mV]	25	25	45	60	75	120	240	
	Load Regulations	[mV]	50	50	90	120	150	240	480	
	Temperature Drift	[mV]	50	75	135	180	225	360	720	
	Ripple & Noise(pk-pk) (*1)	[mV]	80	80	120	120	150	150	250	
	Ripple	[mV]	50	50	90	120	120	120	150	
	Turn-on Time typ.	[ms]	600 max (AC IN 100V, Io=100%)							
	Hold-up Time typ.	[ms]	17 (AC IN 100V, Io 100%)							
INPUT	Voltage, Frequency	[V]	AC100 -240V (AC88 ~264VAC), 50/60Hz(47 - 440) or DC240-370V (User selectable)							
	Current Typ. 110V 220V	[A]	0.6 0.3	0.8 @Typ=100% 0.4 @Typ=100%						
	Efficiency Typ. 110V 220V	[%]	67 66	72 73	77 76	78 77	78 77	80 80	80 80	
	Inrush Current Typ. 110V 220V	[A]	20A Typ (AC IN 110V, LO=100%), 40A TYP (AC IN 220V, LO-100%, Cold Start)							
Function	Over Voltage Protection	[V]	Works at over 115~140% of rating							
	Over Current Protection(*2)	[A]	Works at over 105 percent							
	Remote Sensing	-	Available							
	Remote ON.OFF	-	Available							
	Cooling/O.T.P	-	Convection cooling							
Electrical Isolation	(1) Input - Output	-	AC 3.0 KV 1min., cut-off: 20mA / DC 500V 100 MO							
	(2) Input - F.G	-	AC 1.5 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. & Humidity	-	-10 ~+70 C with derating. 20~90% RH (NON condensing)							
	Storage temp. & Humidity	-	-20 ~+75 C. 20~90% RH (NON condensing)							
	Vibration	-	10~55Hz @ 1 G 3minutes PERIOD, 30minutes along X,Y & Z axis							
	Impact	-	10G for 20ms once on each X, Y, and Z axis							
Dimension	Size(WxDxH) / Weight	mm/g	99 X 82 X 36/ 200							
Safety	CB, CE, UL, C-UL	-	Approved							
Emission	Conducted Emission	-	Complies with-.EN55022-A, VOCI- A, CISPR22A, FCC Class A							



ETA-USA

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