



# 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
<b>OUTPUT</b>	Nominal Voltage	V	3.3	5	9	12	15	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	600max (AC IN 100V, Io=100%)						
Hold-up Time typ.	ms	17 (AC IN 100V, Io 100%)							
<b>INPUT</b>	Voltage, Frequency	V	AC100-240V(AC88~264VAC) 50/60Hz(47 – 440) or DC240-370V (User selectable)						
	Current Typ. 110V 220V	A	0.6	0.8 @Typ=100%					
			0.3	0.4 @Typ=100%					
	Efficiency Typ. 110V 220V	%	67	72	77	78	78	80	80
Inrush Current Typ. 110V 220V	A	20A Typ( AC IN 110V, LO=100%, 40A TYP (AC IN 220V, LO-100%, Cold Start )							
<b>Function</b>	Over Voltage Protection	V	Works at over 115~140% of rating						
	Over Current Protection(*2)	A	Works at over 105%						
	Remote Sensing	-	Available						
	Remote ON.OFF	-	Available						
Cooling /O.T.P	-	Convection cooling							
<b>Electrical Isolation</b>	(1) Input - Output	-	AC 3 KV 1min., cut-off: 20mA / DC 500V 100 MO						
	(2) Input - F.G	-	AC 1.5 KV1min., cut-off: 20mA / DC 500V 100 MO						
	(3) Output - F.G	-	AC 0.5 KV 1min., cut-off: 100mA / DC 500V 100 MO						
<b>Environment</b>	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 3 minutes PERIOD, 30 minutes along X,Y & Z axis						
	Impact	-	10G for 20ms once on each X, Y, and Z axis						
<b>Dimension</b>	Size(WxLxH) / Weight	mm/g	99Wx82Lx36H/ 200g						
<b>Safety</b>	CB, CE, UL, C-UL	-	Approved						
<b>Emission</b>	Conducted Emission	-	Compiles with-EN55022-A, VOCl-A, CISPR22A, FCC Class A						



# ETA-USA

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