



AOPS150

150W 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	AOPS150-3.3	AOPS150-5	AOPS150-9	AOPS150-12	AOPS150-15	AOPS150-24	AOPS150-48	
OUTPUT	Nominal Voltage	[V]	3.3	5.0	9.0	12.0	15.0	24	48	
	Current	[A]	30	30	16.7	12.5	10	6.3	3.2	
	Ripple	[mV]	80	0 8	0 9	120	150	240	480	
	Line Regulation	[mV]	25	25	45	60	75	120	240	
	Load Regulation	[mV]	50	50	90	120	150	240	480	
	Temperature Drift	[mV]	50	75	135	180	225	360	720	
	Ripple&Noise(pk-pk) (*1)	[mV]	120	120	140	170	200	290	530	
	Turn-on Time typ.	[ms]	500 max (AC IN 100V, Io=100%)							
	Hold-up Time typ.	[ms]	17 (AC IN 100V, Io 100%)							
INPUT	Voltage, Frequency	[V]	AC100 – 240V (AC85~264VAC), 50/60Hz(47 – 63) or DC240-370V (User selectable)							
	Current Typ. 110V 220V	[A]	1.3 0.65	2.0 1.0						
	Efficiency 110V 220V	[%]	77 80	80 82	80 85	82 86	83 87	85 88	87 89	
	Inrush Current Typ. 110V 220V	[A]	20 (AC IN 110V, I=100%) 40 (AC IN 220V, I=100%)							
	Power Factor 110V 220V	[mA]	0.98 0.91	0.99 0.95						
Function	Over Voltage Protection	[V]	Works at 115 ~ 140% of rating, recover automatically							
	Over Current Protection (*2)	[A]	Works @105% of rating. Protection type.: Recovers automatically							
	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 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. & 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							
Dimension	Size(WxDxH) / Weight	mm/g	175 X 81.2 X 45/ 560							
Safety	CB, CE, UL, C-UL	-	Approved							
Emission	Conducted Emission	-	Complies with EN55022-B, FCC-B, EN55011							
	Harmonic Attenuator	-	Complies with IEC61000-3-2							

