



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	9	12	15	24	48	
	Current	A	30	30	16.7	12.5	10	6.3	3.2	
	Ripple	W	80	80	90	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 DC 240-370V (User selectable)							
	Current Typ.	A	1.3			2				
			0.65			1				
	Efficiency	%	77	80	80	82	83	85	87	
			80	82	85	86	87	88	89	
Inrush Current Typ.	A	20(AC IN 110V, I=100%) 40(AC IN 220V, I=100%)								
Function	Power Factor	V	0.98		0.99					
			0.91		0.95					
	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	-	Convention Cooling								
Electrical Isolation	(1) Input - Output	-	AC 3 KV 1 min., cut-off: 20mA / DC 500V 100 MO							
	(2) Input - F.G	-	AC 2 KV 1 min., cut-off: 20mA / DC 500V 100 MO							
	(3) Output - F.G	-	AC 0.5 KV 1 min., 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 3 minutes PERIOD, 30 minutes along X,Y & Z axis							
Dimension	Size(WxLxH) / Weight	mm/g	175Wx81.2Lx45H/ 560							
Safety Emission	CB, CE, UL, C-UL	-	Approved							
	Conducted Emission	-	Complies with EN55022-B, FCC-B, EN55011							
	Harmonic Attenuator	-	Complies with IEC61000-3-2							

