

SWITCHING POWER SUPPLY 150W 12V 24V 48V IP67 WATERPROOF

TECHNICAL SHEET

AZ-67-12/24/48150



KEYLIGHT

SPAIN

PRODUCTOS DE ILUMINACION

FEATURES

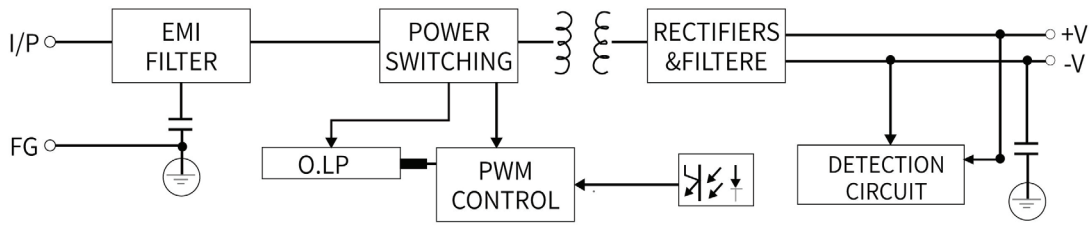
- . 100-240V AC input
- . Single Output
- . 90% high efficiency
- . 100% full load bur-in test
- . Protection: OTP,OLP,OVP,SCP
- . CE FCC Certified
- . 3 year warranty



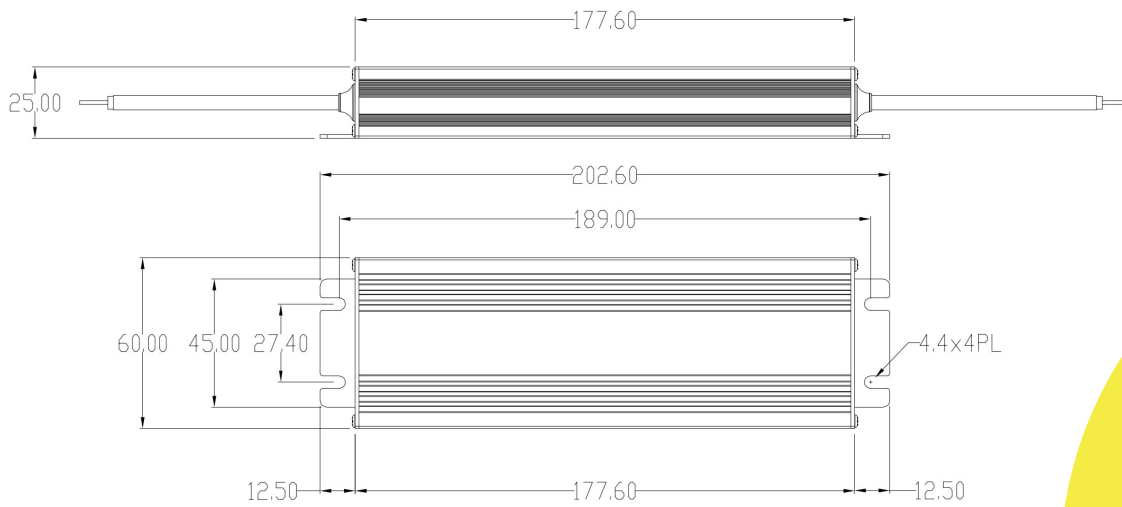
SPECIFICATIONS

Product Code		AZ - 67 - 12150	AZ - 67 - 24150	AZ - 67 - 48150
Output	DC Voltage	12V	24V	24V
	Rated Current	12,5A	6,25A	3A
	Current Range	0~12,5A	0~6,25A	0~3A
	Voltage tolerance	±5%	±5%	±5%
	Rated Power	150 W	150 W	150 W
	Ripple & Noise	<120 mVp-p	<240 mVp-p	<240 mVp-p
	Start up time	<1500ms, 30ms / 230VAC		
Input	Input voltage range	100-240 VAC		
	Frequency Range	50~60Hz		
	AC Current	2,55A / 115VAC; 1,28A / 230VAC		
	Efficiency	88%	90%	90%
	No load consumption	<0.5W		
Protection	Over Load	Above 110%-150% of rated power		
		Shut-down output voltage, auto recovery after fault condition is removed		
	Over Voltage	Above Max. Voltage (105% of rated voltage)		
		Shut-down output voltage, auto recovery after fault condition is removed		
Over Temperature	Over 105°C detected by thermal sensor			
	Shut-down output voltage, auto recovery after fault condition is removed			
Ambiant	Working Temp. & humidity	"-20°C~+60°C, 20%~90%RH		
	Storage temp. & humidity	"-40°C~+85°C, 10%~95%RH		
Tesings	Withstand voltage	I/P-O/P: 3KVAC/1min; I/P-F/G: 1.5KVAC/1min;O/P-F/G: 0.5KVAC/1min;		
	Safety	GB4943 ;EN62608-1		
	EMC	EN55032:2015/AC:2016 EN61000-3-3:2013 EN55024:2010+A1:2015		
Other	Lifespan	20000 hrs		
	Demension(L*W*H)	177*50*25mm(L*W*H)		
	Packing	0.9kg/pcs, 20 pcs/18kg/CTN		
Note	1, The above mentioned data were measured at 230VAC input and 25°C. 2, Dis- connect the AC input before checking any mal-phenomenons. 3, Make sure the INPUT&OUPUT were in right situation before connected to power supply. 4, Datasheet for reference only. We suggest you take sampling before mass orders.			

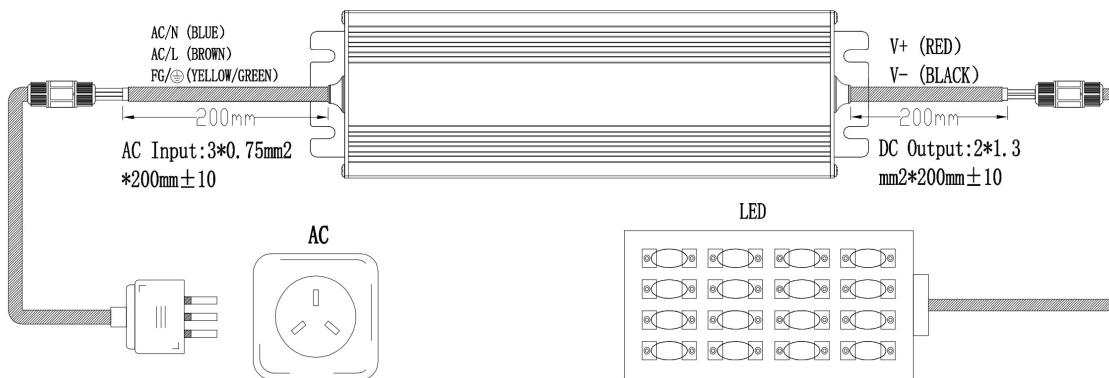
Block Diagram



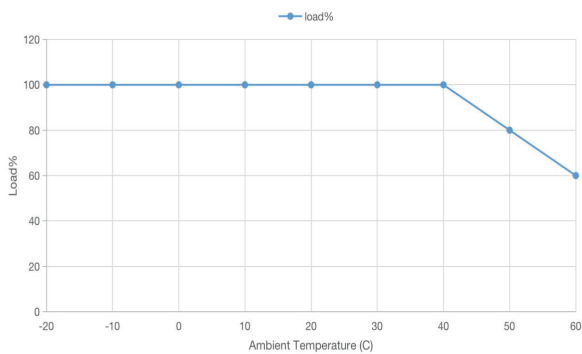
Machanical Specification



Wiring Diagram



Temperature Derating Curve



Output Load VS Input Voltage

