

S.M.P.S

Enclosed Switching
Power Supply

Low Cost & Slim Type

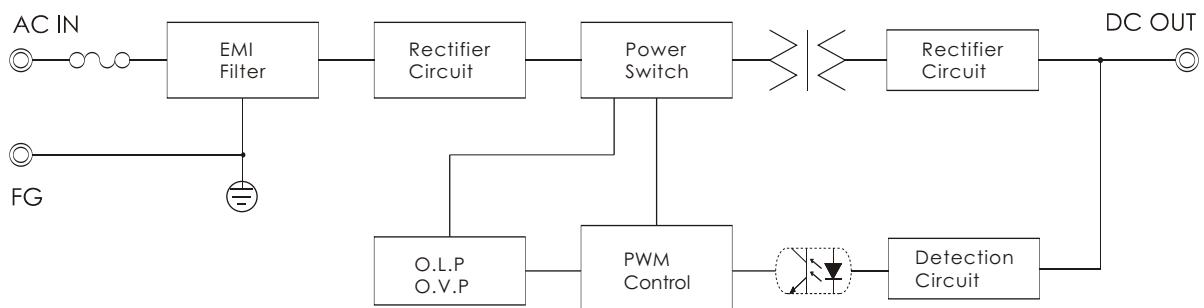
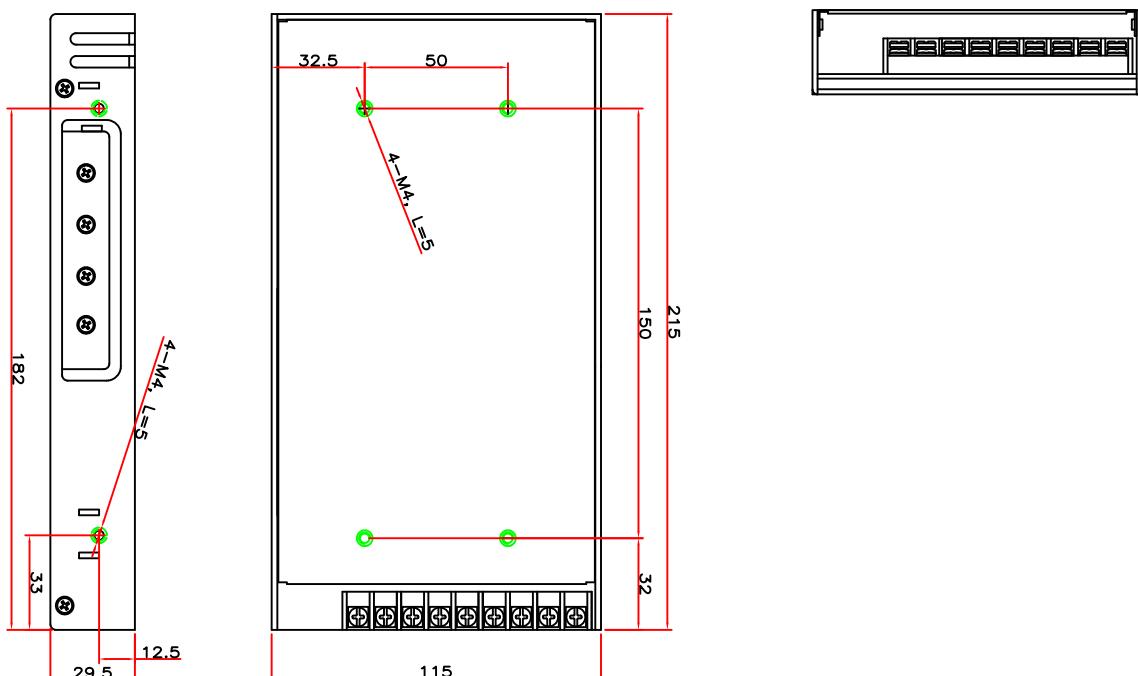
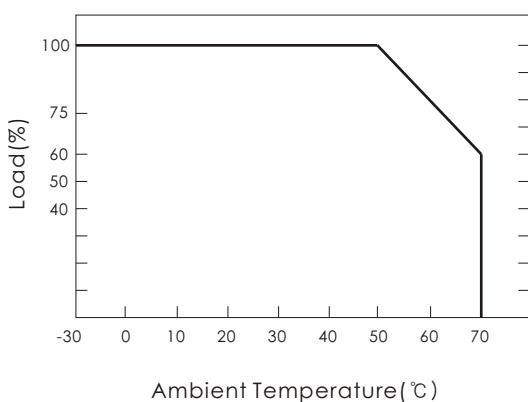
350FAK Series

350W SINGLE OUTPUT



- ▷ Constant voltage design
- ▷ Wide input range AC90~132V/AC180~264V input
- ▷ No load power consumption<0.5W
- ▷ Protections: short circuit/over load/over voltage
- ▷ Forced air cooling by built-in DC fan
- ▷ 100% full load burn-in test
- ▷ Suitable for LED lighting and industrial applications
- ▷ Safety standards :
EN60950-1/K61347-1,K61347-2-13
- ▷ EMC standards :
EN55022/K00015,K61547,K61000-4-2,3,4,5,6,11
- ▷ 3 years warranty

ITEM	A-350FAK-5	A-350FAK-12	A-350FAK-24		
INPUT	VOLTAGE RANGE	AC90~132V/AC180~264V			
	FREQUENCY RANGE	47~63Hz			
	EFFICIENCY(typ.)	83%	86%		
	AC CURRENT(typ.)	6.8A/115VAC 3.4A/230VAC			
	INRUSH CURRENT(typ.)	60A/230VAC			
	LEAKAGE CURRENT	<2mA / 240VAC			
OUTPUT	DC VOLTAGE	5V	12V		
	RATED CURRENT	60A	29A		
	RATED POWER	300W	350W		
	RIPPLE&NOISE(max.)	150mVp-p			
	VOLTAGE ADJ. RANGE	±5%			
	VOLTAGE ACCURACY	±1.5%			
	LINE REGULATION	±0.5%			
	LOAD REGULATION	±1.0%			
	SETUP,RISE TIME	1300ms,50ms/230VAC 100% load			
PROTEC-TION	HOLD UP TIME(typ.)	16ms/230VAC 100% Load			
	SHORT CIRCUIT	Hiccup mode ; recovers automatically after fault condition is removed			
	OVER LOAD	110~140% of rated output			
ISOLA-TION	OVER VOLTAGE	115~135% of rated output			
	WITHSTAND VOLTAGE	I/P-O/P:AC3KV, I/P-F.G:AC2KV, O/P-F.G:AC0.5KV			
ENVIRON-MENT	ISOLATION RESISTANCE	I/P-O/P, I/P-F.G, O/P-F.G:DC500V 100Mohms(At room temp. & humid.)			
	WORKING TEMP.&HUMID.	-30~+70°C (Refer to "DERATING CURVE"),20~95%RH			
	STORAGE TEMP.&HUMID.	-40~+85°C,10~95%RH			
OTHERS	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
	LIFETIME	226,400 hours(25°C)			
	DIMENSION/WEIGHT	215*115*29.5mm(L*W*H)/0.75Kg			
NOTE	* In order to extend the lifetime, it is recommended to configure the load no more than 30% of the remaining allowance. For example: the power of the device requires 100W, then use the power of less than 130W.				
	* Ripple test method: 20MHz oscilloscope in power output terminal test, oscilloscope probe wire length is not more than 12mm, and input parallel 47uF electrolytic capacitors and 0.1uF high frequency capacitance probe.				

S.M.P.S**Enclosed Switching Power Supply****Low Cost Type****■ BLOCK DIAGRAM****■ DIMENSIONS(unit:mm)****■ DERATING CURVE****■ STATIC CHARACTERISTICS**