36W Series Single Output Power Supply AC-DC

◆Feature

·Universal AC input/Full range

·No load power consumption <0.5W

·Meet energy star level IV(CEC)

·Protection: overload/short circuit

Specification

Model		PFOS36-5	PFOS36-7.5	PFOS36-9	PFOS36-12	PFOS36-15	PFOS36-18	PFOS36-24	PFOS36-36
Output	DC voltage	5.0V	7.5V	9.0V	12.0V	15.0V	18.0V	24.0V	36.0V
	Rated current	5.0A	4.0A	4.0A	3.0A	2.4A	2.0A	1.5A	1.0A
	Current range	0~5.0A	0~4.0A	0~4.0A	0~3.0A	0~2.4A	0~2.0A	0~1.5A	0~1.0A
	Rated power	25W	30W	36W	36W	36W	36W	36W	36W
	Ripple & Noise	50mVp-p	75mVp-p	90mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p	360mVp-p
	Voltage tolerance	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%
	Line regulation	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
	Load regulation	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%
Input	Voltage range	90~264Vac, 135~370Vdc							
	Frequency range	47~63Hz							
	Efficiency	>70%	>70%	>75%	>80%	>80%	>80%	>80%	>80%
	Inrush current (max.)	Cold start 30A/230Vac							
	Leakage current(max.)	<0.25mA/240Vac							
Protection	Over load	>110% rate output voltage power for 5.0V~36V							
		Protection type:auto-recovery after fault condition is removed							
	Short Circuit	power shutdown							
		Protection type:auto-recovery after fault condition is removed							

Environment	Working Temp.	-20~+40℃
	Working Humidity	20%~90% RH non-condensing
	Storage Temp. Humidity	-20℃~85℃, 10%~95% RH
	Temp. Coefficient	±0.05%/℃ (0~50℃)
	Vibration	10~500Hz, 2G 10min/ cycle,period for 60 min,each along X,Y,Z axes
Safety & EMC	Safety Standard	UL60950-1, EN60950-1
	Withstand voltage	I/P-O/P:3KVac, I/P-FG:1.5KVac,O/P-FG:0.5KVac
	Isolation resistance	I/P-O/P, I/P-FG,O/P-FG: 100M ohms/500Vdc
	EMI condition & radiation	Compliance to EN55022 class B, FCC part15 class B
	Harmonic current	Compliance to EN6100-3-2,3
	EMS immunity	Compliance to EN6100-4-2
Other	Dimension	98mm*39mm*23.5mm
	Packing	--------
Note	1.Al l parameters are specified at 230Vac input, rated load,25℃ 70% RH ambient;	
	3.Ripple & Niose are measured at 20Mhz of bandwidth by using a 30mm twisted-pair wire terminated with a 0.1uf & 47uf parallel capacitor	
	4.Tolerance: includes set up tolerance, line regulation, load regulation,	
	5.Line regulation is measured from low line to high line at rated load,	
	6.Load regulation is measured from 0%~100% at rated load	
	8.The power supply is considered a component which will be installed into a final equipment.The final equipment must be re-confirmed that is	
	still meets EMC derectives	