FHF-SX — 300W Open Frame



FEATURES

- Compatibility type of PIN in the power supply unit market
- Realized wide range input(Ultra wide input)
- **Isolated Power Supply**

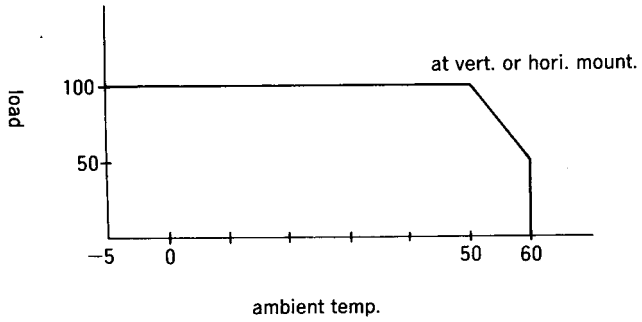
	MODEL/CHANNEL	Unit	FHF3.3SX-U-1	FHF05SX-U-1	FHF06SX-U-1	FHF12SX-U-1	FHF15SX-U-1
OUTPUT	Voltage	V	3.3	5	6	12	15
	Current	A	60	60	50	27	22
	Efficiency	%	67	72	73	75	76

	MODEL/CHANNEL	Unit	FHF24SX-U-1	FHF30SX-U-1	FHF36SX-U-1	FHF48SX-U-1
OUTPUT	Voltage	V	24	30	36	48
	Current	A	14	11	9	7
	Efficiency	%	78	78	78	80
	Load Regulation max.	mV	1%MAX			
	Hold Up Time	mS	60mS Typ			
	Rise Up Time	mS	500mS/200mS(Input 115V/230VAC)			
	Drift	mV	(Output V X 0.5%)+15mV/8H (After 1 H)			
	Ripple and Noise(max.)	mVp	(Output V x 1%)+100mVp-p MAX(1)			
	Temperature Coefficient	-	0.03% / °C(-5~50°C)			

	MODEL/CHANNEL	Unit	
INPUT	Full Load	mA	6.5A/3.5A(Input 115VAC/230VAC)
	Inrush Current	Vac	12A/24A MAX(Input115VAC/230VAC)
	Input Voltage	Vac	± 10%, (+10,-20%)(FHF3.3SX only)
	Voltage Nominal	V	AC115~230V (Wide range)
	Frequency	Hz	50/60Hz
	Power Factor and Harmonic	-	85~255VAC
	Phase	%	Single
	Input Voltage Range	Vdc	85~264VAC

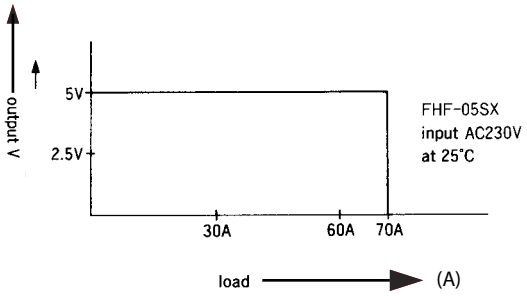
	MODEL/CHANNEL	Unit	
Environment	Operating Temperature	°C	-5 ~+50°C (2)
	Leakage Current	mA	1mAMAX(Input 115VAC/230VAC)
	Operating Humidity	%	(5~10Hz) Amplitude (peak to peak)
	Storage Temperature	°C	10~85%
	Withstanding Voltage	-	130KHz
	Input-Output	-	AC3000V(1Minute)
	Input-Chassis	-	AC2500V
	Output-Chassis	-	AC 500V (1Minute)
	Switching Frequency	-	Possible
	Shock	-	30G (3)
	Remote Control Sensing	-	Possible
	Vibration	-	10mm(constant) (10~55Hz) Acceleraton 2G (3)
Function	Overvoltage Protection	-	Automatic reset
	Overcurrent Protection	-	Output shutdown
	Input Fuse	-	Active filter circuit with booster
	Insulation Resistance	-	(Input-Output-Chassis): 50M MIN.
	Remote Control	-	Output normal by short or L (0~0.4V) Output shutdown by open or H (1~6V) Input current shall be less than 0.1 (A) while
	Remote Sensing	-	Remove attached ± short piece and connect with load by using twist pair wire. While doing above, voltage drop shall be less than 0.3V (one line 0.15V).
Dimension	Size(LxWxH)/Weight	mm/g	120x190x93/1900g(FHF-SX)

Derating Diagram 300W



for further information contact safety approvals.

OCP Curves 300W



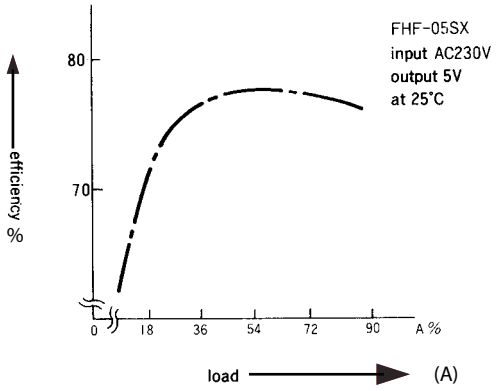


Diagram 300W

