

FHH SERIES

AC/DC Single Output: 1Kw



Features

- * Universal input 90~ 264VAC
- * Power factor corrected 0.99
- * Line Harmonics EN61000-3-2
- * Remote ON/OFF
- * Remote Sense
- * Power Fail Detection signal
- * Parallel operation with power share
- * Overload protection with auto recovery
- * EMC to EN50022 level B
- * Overvoltage protection
- * Demonstrated High MTBF 70,000 hrs
- * Smart compact chassis mounting case
- * Voltage adjustment trim potentiometer
- * LED Power on

Model	Output		Power W
	V	A	
FHH3.3SX-U	3.3V	200A	660W
FHH05SX-U	5.0V	200A	1000W
FHH06SX-U	6.0V	167A	1000W
FHH12-SX-U	12V	88A	1000W
FHH15SX-U	15V	70A	1000W
FHH24SX-U	24V	44A	1000W
FHH30SX-U	30V	35A	1000W
FHH36SX-U	36V	29A	1000W
FHH48SX-U	48V	22A	1000W

Specification

Input Voltage	90 ~ 264VAC
Input Current	16 ~ 8A
Frequency	47 ~ 63Hz
Inrush Current	36A maximum @ 230V cold start
Line Harmonics	EN61000-3-2
Power Factor	0.99
Efficiency	Model dependent 70~87%
Output Voltage	3.3 ~ 48V options refer to table
Voltage adjustment	±10% of nominal setting
Output Power	1000 watts
	3-6V Output 130-150mV
	12-24V Output 220-340mV
	30-48V output 400-580mV
Ripple & Noise	
Line Regulation	± 0.8%
Load regulation	± 1.0% (25 ~ 75% load step)
Switching Freq	130kHz
Temp Coefficient	0.03% per °C
Rise Time	500mS at rated input & Output
Hold up Time	200mS at rated input & output
Overload Protection	Current limiting with auto recovery set at typically 115% of rated current Recycle AC input after 1-2minutes to restart.
Overvoltage Protection	OVP typically set at 115% of rated output voltage
Parallel Operation	Yes with power share
Operating Temp	-5°C to +50°C at rated load, consult office for derating above 50°C
Humidity	30% to 85% RH non-condensing Input – Output 3000VAC Input – Chassis 2500VAC Output – Chassis 500VDC
Isolation	
Cooling	On-board fan
EMI	EN55022 level B
Safety	Designed to meet UL1950, EN60950
Leakage Current	Typically 1mA at 25°C & 230V input
Connector	Screw Terminal / Bus Bar
Mechanical	275 x 163 x 93mm 3.9ka

