MVF SERIES

AC/AC POWER SUPPLIES 300VA - 3KVA



AC Power Supply Model List （Single phase input&Single phase output, Digital screen）

Model	Case structure	Screen	Capacity	Rated current		Phases	
				120V	240V	AC input	AC output
MVF-S350SD	Desktop	Digital	350VA	3A	1.5A	Single-phase two-lines + PE	Single phase two lines
MVF-S600SD	Desktop	Digital	500VA	4.2A	2.1A		
MVF-S1KSD	Desktop	Digital	1KVA	8.4A	4.2A		
MVF-S2KSD	Desktop	Digital	2KVA	16.66A	8.3A		
MVF-S3KSD	Desktop	Digital	3KVA	25A	12.5A		

AC Power Supply Technical Parameter	
Input	single-phase AC 240V ± 10% ; 50Hz±5Hz
Output voltage	Low range.0.1~150.0VAC, High range: 150.1~300.0VAC
Output frequency	45-400Hz adjustable, adjusted stride of 0.1Hz,shortcut key: 50Hz ; 60Hz
Frequency stability	≤0.1%
Voltage stability	≤1%
Distortion	≤2%(THD)
Peak coefficient	1.41+0.10
Source voltage effect	≤1%
Load effect	≤1%
Efficiency	≥80%
Frequency display	0.1% reading, resolution 0.1Hz
Voltage display	+ (1% reading + 0.1% range), resolution 0.1V
Current display	±（1% reading + 0.1% range), resolution0.001A/0.1A
Power display	+ (1% reading + 0.1% range), with 0.1W/0.1kW resolution
Power factor Display	± 0.1 ,Resolution 0.001
Pre set function	Output voltage, output frequency, output current and upper limit of output current
Quick function	Common voltage and frequency conversion
Alarm function	It emits an alarm (sound and light) signal after the protection function is activated, and displays the fault codes
Overload capacity	1.0Ie <I output ≤ 1.1Ie, to cut off output after 15s delay
	1.1Ie <I output ≤ 1.2Ie, to cut off output after 5s delay
Overheat protection	The power device temperature is more than 85℃± 5℃
Communication interface	RS-232C / RS-485 (Optional)
Case protection grade	IP20
Case structure	Desktop
Work environment	Temperature : -10℃ ~ 40℃ ; Humidity : 10%~90% (25℃ without condensation)
	The altitude ≤ 2000m