Three Phase Servo Type

YFG 6033 60kVA

Introduction:

YFG 6033 AVR series intelligent (microcomputer type) compensated AC power voltage stabilizer is based on the perfect combination of traditional high-power compensated voltage stabilizer and modern intelligent control technology, allowing users to enjoy the parameter setting and maintenance brought by modern advanced control circuits It is reliable and convenient, highlighting fast voltage stabilization, equipment safety, stability, energy saving and human-machine interface.

Control method: using high-efficiency single-chip microcomputer control, anti-harmonic interference, three-phase average true effective value sampling; Parameter settings: LED digital display, digital parameter adjustment;

Operation method: membrane touch button;

Scenarios:

Small and medium-sized data centers, IT machine rooms, financial institutions, traffic dispatch centers, security monitoring, etc.

Features:

1.MCU Control

2.more accurate output precision ≤2%

3.Industrial strength components

4.If fan fails，the device will cut off the output to avoid over-heat

5.Three phase compensation servo motor technology

6.100% unbalanced loading capability between the three phase

7.Overload protection （on PCB）≥120%

8.Colorful LED dispiay(7 inches）

Specification:

MODEL		YFG 6033 60kVA
Capacity		60kVA
Input	Phase	3 Phase 4 Wires and Ground
	Rated Voltage	400Vac
	Operating voltage range	320~480Vac
	Operating frequency	50Hz/60Hz
	Power factor	0.8
	Harmonic distortion (THDi)	0 (Sine wave ）
Bypass		Manual bypass or automatic bypass optional
Output	Phase	3 Phase 4 Wires and Ground
	Output voltage	400Vac
	Power factor	0.8
	Voltage regulation	±2%（1%-5% adjustable）
	Output frequency	50Hz/60Hz
	Efficiency	≥98%
Bypass		Manual bypass or automatic bypass optional
Transfer Time		≤0. 5s
Manual pressure adjustment range		0～15%
Temperature rise		Transformer winding temperature rise <80K
Response time		≤0.5s
Dielectric strength		2500V/1min
load loss		＜1.5％SN

Environment	Operating temperature	0℃~40℃
	Storage temperature	-20℃~55℃(no battery)
	Humidity range	0～95% (non condensing)
	Altitude	< 1500m
	Noise level	<55dB
Protection	Alarm	Overcurrent、Undervoltage、Overvoltage、 overload,lack Phase Motor detection，The buzzer will automatically cut off the input power after 90 seconds.
	Protection	Overcurrent、Undervoltage、Overvoltage、Overload、LackPhase、Over temperature、Fan fault、Motor detection
	Communication	RS485,Serial communication interface (optional)
Physical	Dimensions D*W*H(mm)	640*400*880㎜
	Net weight (kg)	180
Certification		CE ROHS ISO9001