



Three in Three out AC frequency converter

SOG 533



Features:

1. Converts the incoming grid supply to match the required voltage and frequency of the connected load equipment
2. Provides protection against voltage surges, which can damage electronics
3. Regulates the voltage and maintain it within a safe range, protecting devices from voltage drops (sags) or rises (surges).
4. Filters out electrical noise and provide a clean power supply to sensitive electronic equipment

Specification:

MODEL		SOG 533
Design Topology		Static Solid State - IGBT - Sine Wave Pulse Width Modulated (PWM)
Input	Phase	3 Phase 4 Wires and Ground
	Rated Voltage	400Vac
	Wave Form	Pure Sine Wave
	Voltage	400V + 10%
	Operating frequency	50Hz or 60Hz + 5%
	PF	>0.8
	Phase	3 Phase 4 Wires and Ground
	Output voltage	200Vac



Output	Power factor	0.8
	Voltage regulation	±2% (1%-5% adjustable)
	Output frequency	400HZ
	Frequency stability rate	≤0.01%
		6.6A
Current stability rate		<1%
Load voltage regulation rate		<1%
Waveform distortion (THD)		Pure main load: THD<3.0%
Efficiency		≥90%
Response time		≤2ms
Crest factor		3:1
protective device		Output overload, mains abnormality, fan failure, converter failure OVER TEM
Environment	Operating temperature	0℃~40℃
	Storage temperature	-20℃~55℃(no battery)
	Humidity range	0~95% (non condensing)
	Altitude	< 1500m
	Noise level	<55dB
Protection	Alarm	.Output overload, mains abnormality, fan failure, converter failure over temperature
	Protection	Input capacitive switch, electronic circuit quickly detects over-voltage, over current, over load, input under voltage, over temperature & short circuit, leakage protection, IGBT over-current protection, over-voltage protection, over-heat protection, performs quick protection and locks out faults. warning,
Physical	Dimensions D*W*H(mm)	500*710*1050mm
	Net weight (kg)	110

