

FR-31 SERIES

10 - 50 kVA

On-Line

Low Frequency

3PH - 1PH



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10 - 50 kVA

Main Features

- Full DSP Control with 2 DSP Controllers
- Battery Autonomy Calculator
- Advanced Monitoring System
- Wide Input Voltage Range
- Automatic Static Bypass
- Cold Start Function
- Auto Restart Function
- Full Automatic Protection
- Advanced Battery & Charger Management
- Manual Output Voltage Adjustment
- Split Bypass Input
- 12 Pulse Rectifier (Optional)
- High Performance
- Automatic Diagnostic
- Bus Fuse Detector
- Advanced Monitoring System
- Generator Compatible
- Advanced Parallel Technology (Optional)
- Battery Reverse Connection Protection
- Battery Open Loop Alarm
- Emergency Power Off Function (EPO)
- UPS Management Software
- Output Isolation Transformer
- StartUp Self Check
- Intelligent Battery Monitoring System (Optional)
- ECO Mode (Optional)

مشخصات

مشخصات فنی . Technical Specifications

MODEL	FR-3110 / L	FR-3115 / L	FR-3120	FR-3130	FR-3140	FR-3150	مدل		
INPUT	Voltage (Vac)						380 ± 25%	دامنه ولتاژ	
	Frequency (Hz)						50/60 ± 5%	دامنه فرکانس	
	Phase						Three Phase : Four Wires + PE	تعداد فاز	
OUTPUT	Power (kVA/kW)	10 / 7	15 / 10.5	20 / 16	30 / 24	40 / 32	50 / 40	توان	
	Voltage (Vac)						220 ± 1%	دامنه ولتاژ	
	Frequency (Hz)						50/60 ± 0.5% (Battery Mode)	دامنه فرکانس	
	Wave Form						Pure Sine Wave , THD < 3% (Linear Load)	شکل موج	
	Transfer Time						0	مدت زمان انتقال	
	Overload		125% Load for 60 Seconds 150% Load for 1 Second		125% Load for 60 Seconds , 150% Load for 20 Seconds			اضافه بار	
BATTERY	Voltage (Vdc)						192	348	ولتاژ
	Battery Type		32 × 7Ah12V/Ext	48 × 7Ah12V/Ext	External			نوع باتری	
	Charger Current(A)Max		3 / 5		10 ~ 40 setting			حداکثر جریان شارژر	
OTHERS	Communication Port						RS232/485 , Dry Contact (MODBUS and SNMP adapter are optional)		درگاه ارتباطی
	Display						LCD Displays Input Voltage, Output Voltage, Load Capacity, Battery Voltage, Etc. LED indicates running status		نمایشگر
	Alarm						Overload, Abnormal AC input, Low Battery		هشدارها
	Protection						Low Battery, Overload, Short-Circuit, Over Temperature, Output Low Voltage, Output Over Voltage		حفاظت ها
	Noise (dB)		< 60		< 65			نویز صوتی	
	Temperature						0 ~ 40°C		دمای کارکرد
	Humidity						0 ~ 95 % (No Condensation)		رطوبت محیط
	Dimension(W×D×H) mm		400 × 800 × 1180/ 350 × 780 × 720		400 × 800 × 1180			ابعاد(میلیمتر)	
Weight (Kg)		250 / 130	320 / 160	205	230	270	300	وزن (کیلوگرم)	