



## FR-UK31 Series

(10-50kVA)

- » Computer room
- » Data center
- » Precision instrument
- » Intelligent equipment
- » Industrial application

### Advanced Technology:

- Online Double Conversion
- Wide input voltage range
- IGBT inverter and output isolation transformer
- Advanced no-master-slave parallel technology (optional)

### High Reliability:

- High reliability DSP control
- Full protection function

### Excellent Flexibility:

- Intelligent RS232/RS485&DB9 dry contact communication port
- Intelligent battery monitor system-MMBM (optional)
- SNMP adapter or USB(optional)

## Specification:

MODEL	FR-UK3110	FR-UK3115	FR-UK3120	FR-UK3130	FR-UK3140	FR-UK3150
<b>INPUT</b>						
Voltage(Vac)	380/400/415±25%					
Rectified Frequency(Hz)	45~65		40~65			
SYNC Frequency(Hz)	50/60±10% (±5%optional)		50/60±5%			
Phase	Three phase in single phase out (L1,L2,L3,N,G)					
<b>OUTPUT</b>						
Capacity (kVA)	10	15	20	30	40	50
Power Factor	0.8 (0.9 optional)					
Voltage (V)	220/230/240±1%					
Frequency(Hz)	50/60±0.2%		50/60±0.5% (Battery mode)			
Waveform	Pure sine wave THD <3% (linear load)					
Overload	125% load for 1 minute, 150% load for 1 second		125% load for 1 minute, 150% load for 20 seconds			
<b>BATTERY</b>						
Voltage (Vdc)	192		348			
BATT Type	External					
Charger Current(A)Max	6(12 optional)		10~20 settable			
<b>OTHER</b>						
Maintenance Bypass Switch	Optional		Standard			
Communication Interface	RS232/RS485 and dry contact (SNMP adapter are optional)					
Display	LCD Display indicates frequency, voltage, load, battery voltage, etc.LED indicates running status					
Alarm	Low battery, abnormal AC input, overload, UPS failure					
Protection	Low battery, overload, output over voltage, short-circuit, over temperature					
Noise (dB)	<60		<65			
Working Temperature	0 ~ 40℃					
Relative Humidity	0 ~ 95%, No condensation					
Dimension (W×D×H)(mm)	30×780×720		400×800×1180			
Weight (kg) Standard/ Long backup	130	160	205	230	270	300

- ◆ Specification is subject to change without prior notice.
- ◆ For Parallel system, Maintenance Bypass Switch is not available.