



FR-UK11 Series

(1-10kVA)

- » IT device
- » Data center
- » Commercial facility
- » Telecommunication
- » Industry

Advanced Technology:

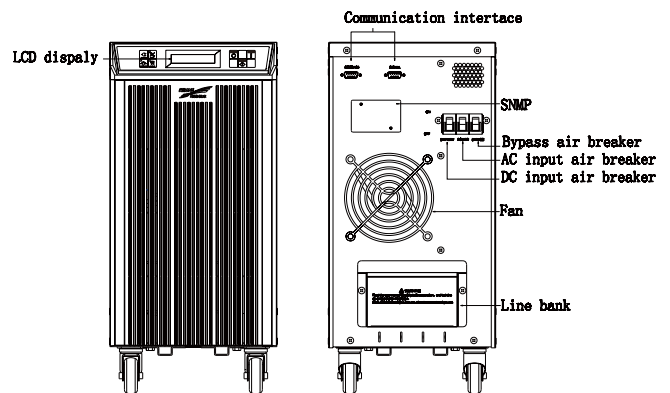
- Online Double Conversion
- Wide input voltage range
- IGBT inverter and output isolation transformer

High Reliability:

- High reliability and performance
- Full protection function

Excellent Flexibility:

- Intelligent RS232/RS485&DB9 dry contact communication port
- Management software(optional)
- External battery bank(optional)
- SNMP adapter or USB(optional)



Specification:

MODEL	FR-UK10L	FR-UK20L	FR-UK30L	FR-UK50/ FR-UK50L	FR-UK60/ FR-UK60L	FR-UK110S/ FR-UK110
INPUT						
Voltage (Vac)	220/230/240V MODEL:165-275			110/120V MODEL: 85-137		
Frequency (Hz)	50/ 60±5% (50/60Hz settable)					
Phase	Single phase three wires					
OUTPUT						
Capacity (VA)	1000	2000	3000	5000	6000	10000
Power Factor	0.8 (0.9 optional)					
Voltage range (Vac)	220/230/240±2% or 110/120±2%					
Frequency (Hz)	50 / 60 ±0.5% (battery mode)					
Waveform	Pure Sine wave, THD<3% (Linear load)					
Transfer Time (ms)	0					
Overload	125% load for 60 seconds , 150% load for 1 second					
BATTERY						
Voltage (Vdc)	48		96	192		
BATT Type	External	External	External	16×7Ah 12V/ External	16×7Ah 12V/ External	32×7Ah 12V/ External
Charger Current (A)Max	4.5	4.5	4.5	1/8.0		2/6 (12 option)
OTHER						
Communication Interface	RS232,dry contact (USB and SNMP adapter are optional)					
Display	LCD display input voltage, output voltage, load capacity, battery voltage, etc., LED indicates running status					
Alarm	Overload, abnormal AC input, low battery					
Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage					
Noise (dB)	≤55					≤58
Working Temperature	0~40℃					
Relative humidity	0~95% (no condensation)					
Dimension (W×D×H)(mm)	230×610×470			230×635×690/230×610×470		400×800×1180/ 300×610×530
Weight (kg) Standard/ Long backup	31.5	43.5	53	79/44	82/45	308/65

- ◆ Specification is subject to change without prior notice.
- ◆ 110V, 120V systems are available with some different parameters.