



FR-UK33A Series

(10-200kVA)

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

Advanced Technology:

- Online Double Conversion
- Fully DSP control
- No-master-slave N+1 parallel technology
- Advanced battery charging management
- DC startup function
- Advanced no-master-slave parallel technology (optional)

High Reliability:

- Wide input voltage range
- IGBT inverter and output isolation transformer
- Intelligent fan speed control
- Allow 100% three phase unbalance load
- ECO mode and EPO function
- Intelligent fans control
- Bypass isolation transformer (optional)

Excellent Flexibility:

- Intelligent RS232/RS485 communication port
- Intelligent battery monitor system – MMBM (optional)

MODEL	FR-UK 3310A/FR- UK3310AS	FR-UK 3320A/FR- UK3320AS	FR-UK 3330A/FR- UK3330AS	FR-UK 3340A	FR-UK 3350A	FR-UK 3360A	FR-UK 3380A	FR-UK 33100A	FR-UK 33120A	FR-UK 33160A	FR-UK 33200A	
INPUT												
Voltage(Vac)	208/220 ±20% (±25% optional)											
Rectifier Frequency(Hz)	40~70											
SYNC Frequency Tracking(Hz)	50/60±10%(±5% optional)											
Phase	3 ϕ 4W+PE											
OUTPUT												
Capacity (kVA)	10	20	30	40	50	60	80	100	120	160	200	
Power Factor	0.8 (0.9 optional)											
Phase	3 ϕ 4W+PE											
Voltage (Vac)	L-N: 120/127±1%, L-L:208/220±1%,											
Frequency(Hz)	50/60±0.5% (battery mode)											
Waveform	Pure sine wave, THD≤3% (linear load)											
3 Phases 100% Load Unbalance Voltage Stability	≤2%, allow 100% unbalance											
Overload	105% load for 60mins, 125% load for 10 mins, 150% load for 1 min.											
BATTERY												
Voltage (Vdc)	192			348 (360 settable)								
BATT Type	External /Max 7Ah 12V 64pcs			External								
Charger Current(A) Max	10~40 settable											
Battery Self-testing	Automatically alarm and estimate battery status in battery abnormal status											
OTHER												
Maintenance Bypass	Yes											
Communication Interface	MODBUS/RS485 and dry contact (RS232 and SNMP adapter are optional)											
Display	Touch screen display indicates frequency, voltage, load, battery voltage, etc. LED indicates running status											
Alarm	Overload, abnormal AC input, low battery, UPS failure											
Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage											
Noise (dB)	<65											
Working Temperature(°C)	0 ~ 40											
Relative Humidity	0 ~ 95%, No condensation											
Dimension (W×D×H)(mm)	500×800×1180 /500×800×1600			800×800×1600			1400×1000×1850			1600×1000 ×2000		
Weight(Kg)	300/500	325/530	340/540	590	620	670	970	1000	1200	1450	1700	

◆ The UPS power capacity above 200KVA can be customized.

◆ Specification is subject to change without prior notice.