

FR-UK 31 Series Online UPS (10-50kVA)



Main Features:

- Online double conversion
- IGBT inverter and output isolation transformer
- High reliability DSP control
- Intelligent RS232/RS485 communication port
- SNMP adapter (optional)
- Advanced no-master-slave parallel technology (optional)
- Intelligent battery monitors system – MMBM (optional)
- Wide input voltage range
- DC cold start function
- Full protection function

Application: Computer Room, Data Centre, Precision Instrument, Intelligent Equipment

Main Specification:



MODEL		FR-UK3110S/ FR-UK3110	FR-UK-3115S/ FR-UK-3115	FR-UK3120	FR-UK3130	FR-UK-3140	FR-UK3150
INPUT	Voltage (Vac)	380 ± 25%					
	Frequency (Hz)	50/60 ± 5%					
	Phase	Three phase in single phase or t(L1, L2 L3, N, G)					
OUTPUT	Capacity(VA/W)	10/7	15/10.5	20/16	30/24	40/32	50/40
	Voltage(Vac)	220 ± 1%					
	Frequency(Hz)	50 / 60 ± 0.5% (battery mode)					
	Waveform	Pure Sine Wave, THD<3% (Linear Load)					
	Transfer Time	0					
	Overload	125% load for 1 minute, 150% load for 1 second		125% load for 1 minute, 150% load for 20 seconds			
BATTERY	Voltage (Vac)	192		348			
	Batt Type	32 x 7Ah12V / External	48 x 7Ah12V / External	External			
	Charger Current(A)Max	3/5		10 – 20 setting			
OTHER	Communication Interface	RS232, dry contact (MODBUS and SNMP adapter are optional)					
	Maintenance Bypass Switch	Optional		Standard			
	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 temperature					
	Noise (dB)	<60			<65		
	Working Temperature	0-40°C					
	Relative Humidity	0-95% (no condensation)					
	Dimension (WxDxH)mm	400x800x1180/ 300x740x700	400x800x1180				
	Weight (kg) Standard / Long backup	250/130	320/195	203	225	273	304

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