

FR-UK 33 Series Online UPS (10-500kVA)



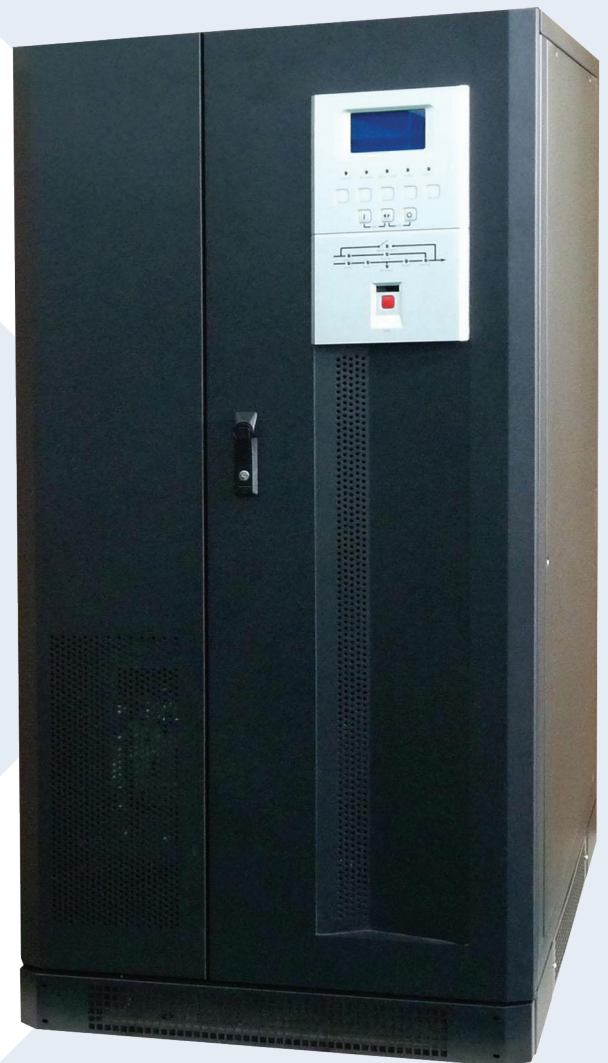
Main Features:

- Online double conversion
- IGBT inverter and output isolation transformer
- 3 phases UPS allow 100% unbalance load
- Full DSP control, high reliability and performance
- Wide input voltage range
- DC cold start function
- Advanced battery charging management
- Intelligent fan speed control
- ECO mode and EPO function
- Intelligent RS232/RS485 communication port
- SNMP adapter (optional)
- Advanced no-master –slave parallel technology (optional)
- Intelligent battery monitor system – MMBM (optional)
- 12 pulse rectifier (optional)
- Bypass isolation transformer (optional)

* See over for Main Specifications



FR-UK 33 series 200-250kVA with output transformer



FR-UK 33 series 40~160kVA with output transformer

Telephone: 07 3390 4622

Specialist Export Services Pty Ltd, 20 Miller Street, Murarrie, QLD, 4172 Facsimile: 07 3390 6600

www.exportservices.com.au

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Main Specification:

MODEL		FR-UK 3310	FR-UK 3320	FR-UK 3330	FR-UK 3340	FR-UK 3350	FR-UK 3360	FR-UK 3380	FR-UK 33100	FR-UK 33120	FR-UK 33160	FR-UK 33200	FR-UK 33300	FR- UK33400	FR- UK33500
INPUT	Voltage(Vac)	380/400 ± 20%													
	Rectifier Frequency	40 - 65													
	SYNC Frequency Tracking	50/60 ± 5% (+10% optional)													
	Phase	3Φ 4W+PE													
OUTPUT	Capacity (KVA/W)	10/8	20/16	30/24	40/32	50/40	60/48	80/64	100/80	120/96	160/ 128	200/ 160	300/ 240	400/320	500/400
	Phase	3Φ 4W+PE													
	Voltage (V)	L-N: 220/230 ±1%, L-L:380/400±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	110% load for 30 minutes, 125% load for 10 minutes, 150% load for 1 minute													
BATTERY	Voltage (Vdc)	12Vx29=348													
	Batt Type	External													
	Charger Current (A) Max	10-40A setting										20-80A setting			
	Battery Self- testing	Automatically alarm and estimate battery status in battery abnormal status													
OTHER	Communication Interface	RS232/RS485 and dry contactor (MODBUS and SNMP adapter are optional)													
	Maintenance Bypass Switch	Yes													
	Display	LCD 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	0-40°C													
	Relative Humidity	0-95% (no condensation)													
	Dimension (WxDxH)mm	500x800x1180			800x800x1600			1000x800x1800				1800x 800x 2000	2200x1000x2000		4200x 1000x 2000
	Weight (kg) Standard / Long backup	195	240	290	450	470	490	690	725	775	905	1700	2350	2580	2800

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