



FR-UK 11 series Online UPS (1-15kVA)

Main Features:

- Online Double Conversion
- Output Isolation Transformer
- Wide Input Voltage Range
- Full Protection Function
- High Reliability and Performance
- Intelligent RS232 Communication Port
- Up to 20A Charger for 12V 200Ah Battery Bank
- Provides Extended Backup using large battery banks
- Remote Management Software (optional)
- External Battery Bank (optional)
- SNMP Adapter or USB (optional)
- CE, RoHS, TUV, CB, FCC, SONCAP certified
- ISO 9001, ISO14001, OHSAS 18001 certified
- One Year Warranty

Application:

- IT device
- ATM
- Data Center
- Commercial Facility
- Telecommunication
- Industry



Specifications:

| MODEL | FR-UK10/ FR-UK10L | FR-UK20/ FR-UK20L | FR-UK30/ FR-UK30L | FR-UK50/ FR-UK50L | FR-UK60/ FR-UK60L | FR-UK110S/ FR-UK110 | FR-UK115S/ FR-UK115 |
|---|---|---------------------------|------------------------|------------------------|------------------------|------------------------------|------------------------|
| INPUT | | | | | | | |
| Voltage (Vac) | 220/230/240V MODEL: 165-275 110/120V MODEL: 85~137 | | | | | | |
| Frequency (Hz) | 50/ 60±5% (50/60Hz settings) | | | | | | |
| Phase | Single phase three wires | | | | | | |
| OUTPUT | | | | | | | |
| Capacity(VA/W) | 1000/700 | 2000/1400 | 3000/2100 | 5000/3500 | 6000/4200 | 10000/7000 | 15000/10500 |
| 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 | 0 | | | | | | |
| Overload | 125% load for 60 seconds , 150% load for 1second | | | | | | |
| BATTERY | | | | | | | |
| Voltage (Vdc) | 48 | | | 192 | | | |
| BATT Type | 4×7Ah12V/ External | 8×7Ah12V/ External | 16×7Ah12V/ External | 16×7Ah12V/ External | 16×7Ah12V/ External | 32×7Ah12V/ External | 48×7Ah12V/ External |
| Charger Current(A)Max | 1/4.5 | 1/4.5 | 3 – 20 | 3 – 20 | 3 – 20 | 5 – 20 | 5 - 20 |
| 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 | | | | | | |
| Working Temperature | 0~40°C | | | | | | |
| Relative humidity | 0~95% (no condensation) | | | | | | |
| Dimension (W×D×H)(mm) | 230×620 × 470 | 230×635× 690/230×620× 470 | | | | 400×800×1180/ 300×740×700 | 400×800×1180 |
| Weight (kg) <u>Standard/ Long backup</u> | 48/36 | 74/49 | 82/56 | 90/45 | 91/47 | 210/85 | 288/145 |

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