Características principales.

- Online double conversion
- IGBT inverter and output isolation transformer
- 3 phases UPS allow 100% unbalance load
- Fully 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)
### MR series 10~200kVA - Especificación

**Specification:**

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<td>INPUT</td>
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<tr>
<td>Voltage(Vac)</td>
<td>380/400±20%</td>
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<tr>
<td>Rectifier Frequency</td>
<td>40~65</td>
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<tr>
<td>SYNC Frequency Tracking</td>
<td>50/60±5% (±10% optional)</td>
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<tr>
<td>Phase</td>
<td>3p4W+PE</td>
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<td>Capacity (KVA/KW)</td>
<td>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</td>
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<td>Phase</td>
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<tr>
<td>Voltage (Vac)</td>
<td>L-N:220/230±1%, L-L:380/400±1%</td>
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<td>Frequency(Hz)</td>
<td>50/60±0.5% (battery mode)</td>
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<td>Waveform</td>
<td>Pure sine wave, THD≤3% (linear load)</td>
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<tr>
<td>3 Phases 100% Load Unbalance Voltage Stability</td>
<td>≤2%, allow 100% unbalance</td>
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<tr>
<td>Overload</td>
<td>110%load for 30 mins, 125%load for 10 mins, 150%load for 1min.</td>
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<td>BATTERY</td>
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<td>Voltage (Vdc)</td>
<td>12V×29=348</td>
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<td>BATT Type</td>
<td>External</td>
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<td>Charger Current(A)Max</td>
<td>10<del>40A setting 20</del>80A setting</td>
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<tr>
<td>Battery Self-testing</td>
<td>Automatically alarm and estimate battery status in battery abnormal status</td>
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<td>Maintenance Bypass</td>
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<tr>
<td>Communication Interface</td>
<td>RS232/RS485 and dry contactor(MODBUS and SNMP adapter are optional)</td>
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<tr>
<td>Display</td>
<td>LCD Display indicates frequency, voltage, load, battery voltage, etc. LED indicates running status</td>
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<tr>
<td>Alarm</td>
<td>Overload, abnormal AC input, low battery, UPS failure</td>
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<td>Protection</td>
<td>Low battery, overload, over temperature, short circuit, output over voltage, output low voltage</td>
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<td>Noise (dB)</td>
<td>&lt; 65</td>
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<td>Working Temperature</td>
<td>0~40℃</td>
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<td>Relative Humidity</td>
<td>0~95%, No condensation</td>
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<td>Dimension (WxDxH)(mm)</td>
<td>500×800×1180 800×800×1600 1000×800×1800</td>
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<tr>
<td>Weight(Kg)</td>
<td>195 240 290 450 470 490 690 725 775 905 1700 2350 2580 2800</td>
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◆ Specification is subject to change without prior notice.

[KEHUA TECH]
Modular uninterruptible power supply (UPS) system - its application is appropriate for double conversion system. You can count on the source of reliable support that depends on you. Its FR-UK33 system, regulates the voltage of the source, and provides support of pure energy to carry the generator set online. It provides accuracy of voltage regulation, fault-tolerant output, easy to use, good interface. UPS generator in relation to size and reduces the cost of installation.

MR Series is a modular system of UPS parallel redundant with flexible, eco-friendly options, easy maintenance, easy expansion, advanced input and output parameters. It is high performance, low cost, high efficiency, compact size, high power density.
Interactive LCD display panel.

Best display of parameters.

Screen LCD indicates the frequency, the voltage, the load, the voltage of the battery (drummer), etc. LED indicates the functioning (operation) state (condition).

Monitor LCD screen in the last generation which manages all the parameters of the UPS.
Battery

Designed and manufactured by the combination of an alloy resistant to corrosion and with advanced technology VRLA, the battery has a range of 12 years of life. This series is very suitable for the UPS System.

FEATURES AND BENEFITS

- 12 years of design in floating State
- Wide temperature range of -15°C to 50°C
- It can be used in the vertical or horizontal orientation
- Design balanced for both floating and cyclic operation
- Low rate of self discharge and long service life

CONSTRUCTION

- Positive plate - Standard PB-CA - Sn alloy
- Negative plate - PB-CA Balance network to improve the efficiency of recombination
- Separator - separator AGM
- Electrolyte - Dilute sulfuric acid of high purity
- Battery container and the cover - ABS
- Seal pillar - Double layered sealing resin epoxy
- Flush valve - sealed rubber Auto bonnet valve with proven reliability
MMBM-3 intelligent system of monitoring of the battery

Main Features

- **Perfect protection function.** With the alarm function in real time for overvoltage, over temperature and internal resistance, and automatically record failure events
- **Alarm Detection.** You can monitor in real time of each battery, load and stream discharge and temperature of the battery terminal voltage, and online automatically monitor the internal resistance of each battery on a regular basis (cycle can be adjusted)
- **With LAN, RS232 and RS485 communication port**
- **Design module** Easy installation, use and maintenance, insulation between modules, high reliability
- **Perfect the management analysis** The integrated treatment of the various parameters, to support the analysis of historical data, query and output, supports display as columns, curve, data tables.

Application

System battery, computer room, data center, supply of energy industry
Your UPS system more near you

With the new system GSM and SNMPMonitor ea remotely from your PC or mobile phone.

Remote monitoring of ups and management card SNMP supports protocols, UDP, SNMP, Telnet, SNTP, PPP, HTTP, SMTP, TCP/IP, IPv4 IPv6 (10Mbps/100Mbps Ethernet) multi-language of event log data / Email / SMS notification environmental sensor (temperature, humidity, water, smoke) sequences of shutdown of the server, compatible with / Windows, Linux, Novel, Mac, Solaris, Unix.
The UPS tracking comfortably from your PC or mobile phone.

Alertas del SAI a mi dispositivo móvil más fácil y más seguro

Send event to Mobile phone

Remote monitoring from your PC via the Protocol UDP, SNMP, Telnet, SNTP, PPP, HTTP, SMTP, TCP/IP, IPv4 IPv6 (10Mbps/100Mbps Ethernet).
START-UP WITH A SOLID BASE

All FR-UK33 Series quality energy systems start with a UPS. It provides immediately available power to travel through eating disorders and conditions of the source. When integrates with others KEHUA TECH products - including the automatic transfer (STS) switch and switching - you can be sure the most reliable source backup power protection.
All KEHUA TECH power quality systems begin with the FR-UK33 UPS with flywheel energy storage. The FR-UK33 UPS provides immediately available power to ride through disturbances and conditions power from the source. When integrated with other KEHUA TECH products— which include generator sets, automatic transfer switch (ATS) and switchgear—you can be assured of the cleanest, most reliable source of power protection.

Most importantly, the FR-UK33 UPS is backed by the solid KEHUA TECH reputation that comes from more than 25 years of building the best engines and power solutions available. KEHUA TECH engineers stay on the leading edge of power technology, and you can rely on FR-UK33 Dealers every step of the way. KEHUA TECH sets the standard for single-service support, from extensive parts inventory to preventive maintenance programs, diagnostics and emergency response service.
FR-UK33 Series
Compact and lightweight
KEHUA TECH 24 years of experience in the industry for the operation of its products.

Range of products
- UPS uninterruptible power supply
- Investors
- Rectifier
- Battery banks
- Batterias.KTs redundant switch

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- Zhangzhou Kehua Technology Co., Ltd
- Zhangzhou Neholis Technology Co., Ltd
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- Web: www.kehua.com