# KR11 Series

## Online UPS 1~10kVA

»Low THDi: <5%
»Output PF up to 1.0
»AC/AC efficiency up to 95%
»High power density design

### Green Power:

- Input power factor up to 0.996, Low THDi (< 5%), decrease the pollution to city power
- AC/AC efficiency up to 95%, energy saving and low carbon emission
- Compliance with RoHS standard, innocuous and environmental friendly
- Design in accordance to International EMC and Safety standard

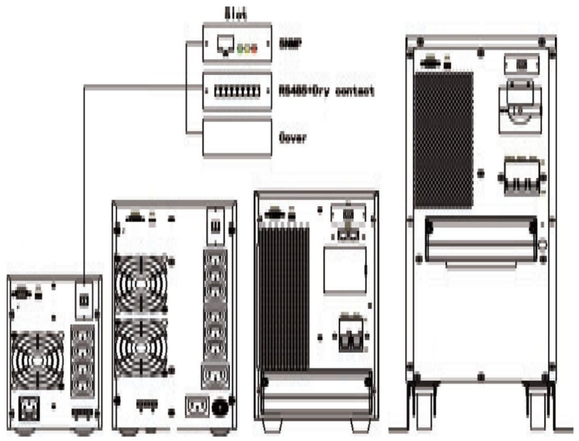
### Outstanding Profitability:

- Minimium 0.05m$^2$ footprint, more units for your container delivery and installation
- Get at least 10% more output power for your loads
- Up to 95% efficiency

### Excellent Flexibility:

- Output voltage and ECO mode are selectable via LCD
- 1~8A charging current settable via software
- Batteries total quantity settable (16/17/18/19/20 for 6-10kVA)
- Maintenance bypass for 6-10KVA (option)
- Battery disconnection alarm (option)
- SNMP or RS485+dry contact (option)
- Charging voltage temperature compensation (option)

### Typical Applications:




### Available Socket:

Ecological Power Network



### Technical Specification:

| MODEL | KR1000+/ KR1000L+ | KR2000+/ KR2000L+ | KR3000+/ KR3000L+ | KR6000+/ KR6000L+ | KR1110S+/ KR1110+ |
|---|---|---|---|---|---|
| **INPUT** | | | | | |
| Voltage (Vac) | 120~295 | | | 80~275 | |
| Frequency (Hz) | 50/60± 10% (50/60Hz auto-sensing) | | | | |
| Power Factor | ≥0.99 | | | | |
| THDi | <5% | | | | |
| **OUTPUT** | | | | | |
| Capacity (VA) | 1000 | 2000 | 3000 | 6000 | 10000 |
| AC/AC Efficiency (Max.) | 92% | 93% | 94% | 95% | 95% |
| Power Factor | 0.9 (1.0 optional) | | | | |
| Voltage (Vac) | 208/220/230/240±1% (selectable on display panel) | | | | |
| Frequency (Hz) | 50/60±0.2% (battery mode) | | | | |
| THDv | THD < 2% (linear load ); THD < 5% (nonlinear load) | | | THD < 1% (linear load); THD < 4% (nonlinear load) | |
| Transfer Time | 0 | | | | |
| **BATTERY** | | | | | |
| Voltage (Vdc) | 24/36 | 48/72 | 72/96 | 192 | 192 |
| BATT Type | 2×9Ah 12V or 3×7Ah 12V | 4×9Ah 12V or 6×7Ah 12V | 6×9Ah 12V or 8×7Ah 12V | 16×7Ah 12V | 16×9Ah 12V |
| Voltage (Long backup)(Vdc) | 36 | 72 | 96 | 192~240 | 192~240 |
| BATT Type (Long backup) | External | | | External (16~20 units settable) | |
| Charger Current (A) Max. | 1 (Standard)/4 (Long backup) | | | 1~8 (adjustable) | |
| **OTHER** | | | | | |
| Communication Interface | RS232, EPO, USB (slot) (SNMP, RS485+dry contact are optional in slot) | | | | |
| LCD Display | AC input & output voltage, frequency, Load level, Battery level, Temperature; AC mode, Battery mode, Bypass mode, and Fault | | | | |
| Alarm | Low battery, abnormal AC input, UPS failure, etc. | | | | |
| Protection | Low battery, overload, short-circuit and over temperature, etc. | | | | |
| Noise (dB) | <50 | <55 | | | |
| Working Temperature (°C) | -5 ~ 40 | | | | |
| Relative Humidity | 0 ~ 95%, No condensation | | | | |
| Dimension (W×D×H) mm | 145×360×225 | 190×400×330 | | 230×502×553/190×422×337 | |
| Weight (Standard)(kg) | 9.2 or 11.6 | 17.7 or 22.4 | 22.9 or 27.6 | 54.5 | 56.2 |
| Weight (Long backup)(kg) | 4.5 | 8.5 | 9.2 | 10.9 | 12.5 |

- Specification is subject to change without prior notice.
- Information is provided for reference purpose only and constitutes neither an offer or an acceptance.

www.UnitexPower.com