

True on-line double conversion design

KR11 Plus Series

(1-10kVA)



Green Power

- Input power factor up to 0.996, low THDi (< 5%), decrease 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



Excellent Flexibility

- Output voltage and ECO mode are selectable via LCD
- 1~8A charging current settable via software (6-10KVA)
- Batteries quantity are 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)



Outstanding Profitability

- Minimum 0.05m² footprint, save delivery cost and easy for installation



ISO 9001
ISO 14001
ISO 45001
Factory Certificate



TIS. 1291 Part 1-2553
TIS. 1291 Part 2-2553
TIS. 1291 Part 3-2553

Technical Specification

MODEL	KR1000+/ KR1000L+	KR2000+/ KR2000L+	KR3000+/ KR3000L+	KR6000+/ KR6000L+	KR1110S+/ KR1110+
INPUT	1 Phase 3 Wire (L + N + G)				
Voltage (Vac)	120~295			80~275	
Frequency (Hz)	50/60± 10% (50/60Hz auto-sensing)				
Power Factor	≥0.99				
THDi	<5% (non-linear)				
OUTPUT	1 Phase 3 Wire (L + N + G)				
Capacity (VA/W)	1000/1000	2000/2000	3000/3000	6000/6000	10000/10000
Max. AC/AC Efficiency	92%	93%	94%	95%	95%
Power Factor	1.0				
Voltage (Vac)	208/220/230/240±1% (selectable on display panel)				
Frequency (Hz)	50/60±0.2% (battery mode)				
Waveform	Sine wave				
THDv	THD < 2% (linear load); THD < 5% (nonlinear load)			THD < 1% (linear load); THD < 4% (nonlinear load)	
Transfer Time (ms)	0				
BATTERY	Sealed, Maintenance-free lead acid batteries				
Voltage (Standard/ Long backup) (Vdc)	24/36	48/72	72/96	192~240	192~240
Battery Type (Standard)	2×9Ah 12V/External	4×9Ah 12V/External	6×9Ah 12V/External	16×9Ah 12V/External (16~20 units settable)	
Voltage (Long backup)(Vdc)	36	72	96	192~240	192~240
Battery number	External			External (16~20 units settable)	
Charger Current (A) Max.	1/4	1/4	1/4	1~8 adjustable	1~8 adjustable
GENERAL					
Communication Interface	RS232, EPO, USB (slot) (SNMP, RS485+dry contact are optional in slot)				
LCD Display	MIMIC LCD for real-time UPS status display AC input & output voltage, frequency, Load level, battery level, temperature; AC mode, battery mode, bypass mode, and fault				
Alarm	Battery mode, Low battery, abnormal AC input, UPS failure, etc.				
Protection	Low battery, overload, short-circuit and over temperature, etc. Automatic bypass if overload between 101%~115% load for 1min, 116%~133% load for 1s, above 134% load for 200ms				
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.