



PRI:LOGY®
SYSTEMS GMBH



**UNINTERRUPTIBLE
POWER SUPPLY
SINGLE-PHASE 1 – 10 kVA**

INPUT VOLTAGE
80 – 295 VAC

RATED CAPACITY
1 – 10 kVA

KR11 PLUS SERIES

GREEN POWER

- Input power factor up to 0.996, low THDi (< 5%), environment-friendly
- AC/AC efficiency up to 95%, energy saving and low carbon emission
- Compliance with RoHS standard, innocuous and environment-friendly
- Design in accordance to international EMC and safety standards

EXCELLENT FLEXIBILITY

- Output voltage and ECO mode selectable via LCD
- 1 – 8 A charging current settable via software (6 – 10 kVA)
- Settable number of batteries (16/17/18/19/20 for 6 – 10 kVA)
- Maintenance bypass (optional)
- Battery disconnection alarm (optional)
- SNMP or RS485 + dry contact (optional)
- Charging voltage temperature compensation (optional)

OUTSTANDING PROFITABILITY

- Minimum 0.05 m² footprint, cost-saving delivery and easy installation



AREAS OF APPLICATION

- DATA NETWORKS
- WORKPLACES
- SERVERS
- INDUSTRIES



KR1000+

KR2000+/KR3000+

KR6000+/KR1110S+



SPECIFICATIONS

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% (non-linear)				
OUTPUT					
Rated capacity (VA)	1000	2000	3000	6000	10000
Max. AC/AC efficiency	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% (non-linear load)			THD < 1% (linear load); THD < 4% (non-linear load)	
Transfer time (ms)	0				
BATTERY					
Voltage (standard, VDC)	24 or 36	48 or 72	72 or 96	192	192
Battery type (standard)	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
Battery type (long backup)	External			External (16-20 units settable)	
Max. charging current (A)	1 (standard) /4 (long backup)			1-8 (adjustable)	
GENERAL					
Communication interface	RS232, EPO, USB (slot) (SNMP, RS485+dry contact are optional in slot)				
LCD	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

Subject to modifications

INPUT VOLTAGE
80 – 275 VAC

RATED CAPACITY
6 – 10 kVA

KR11T SERIES

HIGH PERFORMANCE

- Input power factor up to 0.996, low THDi (< 5%), environment-friendly
- AC/AC efficiency up to 93.5%, energy saving and low carbon emission
- Wide input voltage for application in harsh electrical environments
- LCD with comprehensive visualized information including working status, operation data, etc.

EXCELLENT FLEXIBILITY

- Output voltage selectable via LCD
- Settable number of batteries (16/17/18/19/20 for 6 – 10 kVA)
- Maintenance bypass
- Battery disconnection alarm (optional)
- SNMP, RS485+dry contact, USB, protocol transfer kit (optional)
- Charging voltage temperature compensation (optional)
- Parallel kit (optional)

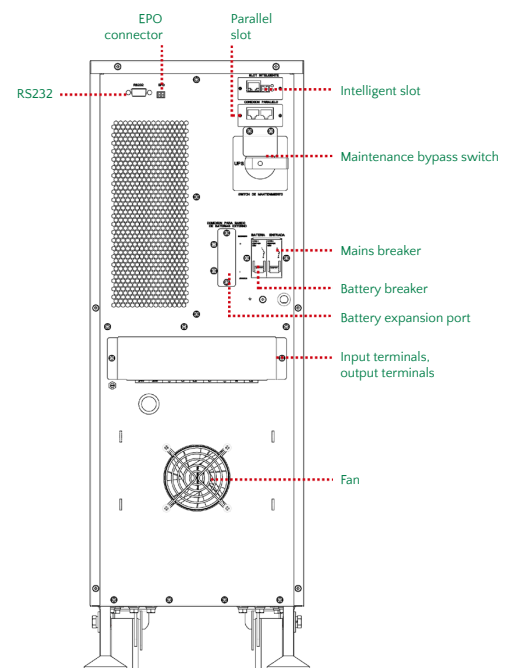
OUTSTANDING PROFITABILITY

- Minimum 0.16 m² footprint, easily expandable
- Output voltage 120/208/220/230/240 VAC, application-dependent
- Optional external battery pack for the standard model for higher system availability
- Full galvanic isolation for safer operation and stronger load adaptability



AREAS OF APPLICATION

- DATA NETWORKS
- ROUTER, HUB AND NETWORK DEVICES
- INDUSTRIES
- MEDICAL APPLICATIONS





SPECIFICATIONS

MODEL	KR6000T(L)		KR1110T(L)	
INPUT				
Voltage (VAC)	80-275			
Frequency (Hz)	50/60±10% (50/60Hz auto-sensing)			
Power factor	≥0.99			
THDi	<5% (linear load)			
Phase	3W (L+N+G/L1+L2+G)			
OUTPUT				
Capacity (kVA)	6		10	
Power factor	0.9			
Voltage (VAC)	120/208/220/230/240±1% (settable on display panel and output wiring line)			
Frequency (Hz)	50/60±0.2% (battery mode)			
THDv	THD<1% (linear load), THD<4% (nonlinear load)			
Transfer time (ms)	0			
Max. efficiency	93.5%			
Crest factor	3:1			
Overload	105%<Load≤130%:10mins,130%<Load≤150%: 30s,>150%: 0.5s.			
BATTERY				
Battery voltage (VDC)	192 (192 - 240V settable)			
Battery type	16×7AH12V/External		16×9AH12V/External	
Charging current (A)	1A (default); 1-8A settable (external battery)			
GENERAL				
Communication interface	RS232, EPO (SNMP, USB, RS485+dry contact, Protocol transfer kit are optional in slot)			
LCD	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			
Working temperature (°C)	-5-40			
Relative humidity	0- 95%, no condensation			
Dimension (W×D×H, mm)	250×660×720			
Weight (kg)	96/60		113/73	

Subject to modifications

INPUT VOLTAGE
80 – 295 VAC

RATED CAPACITY
1 – 10 kVA

HOUSING
19" tower or rack

KR11-J PLUS SERIES

GREEN POWER

- AC/AC efficiency up to 95.5%,
low operation costs and energy saving
- Output power factor up to 1.0 (optional),
capable of connecting multiple critical loads
- Input power factor >0.996 and THDi <5%,
environment-friendly and lower TCO

FLEXIBLE CONFIGURATION

- Optional dry contact kits and SNMP
- Selectable output sockets
- External battery pack port available

USER-FRIENDLY WITH ROTATABLE LCD

- Intelligent RS232, USB, EPO
- ECO function
- Selectable output sockets
- Rack- and tower-convertible
- LCD suitable for vertical or horizontal installation
- External battery bank,
rack kits (optional)



AREAS OF APPLICATION

- DATA NETWORKS
- ROUTER, HUB AND NETWORK DEVICES



KR1000-J+



KR2000-J+/KR3000-J+



KR6000-J+/KR110S-J+



SPECIFICATIONS

MODEL	KR1000-J + / KR1000L-J	KR2000-J + / KR2000L-J	KR3000-J + / KR3000L-J	KR6000-J + / KR6000L-J	KR1110S- J + / KR1110-J
INPUT					
Voltage (VAC)	120-295			80-275	
Frequency (Hz)	50/60± 10% (50/60Hz auto-sensing)				
Power factor	≥0.99				
THDi	<5% (non-linear)				
OUTPUT					
Capacity (VA)	1000	2000	3000	6000	10000
Max. AC/AC efficiency	92%	92.5%	93.3%	95.5%	95.5%
Power factor	0.9 (1.0 optional)				
Voltage (VAC)	208/220/230/240±1% (settable on display panel)				
Frequency (Hz)	50/60±0.2% (battery mode)				
THDv	THD <2% (linear load), THD < 5% (non-linear load)			THD <1% (linear load), THD < 4% (non-linear load)	
Transfer time (ms)	0				
BATTERY					
Voltage (VDC)	24/36	48/72	72/96	192 -240	192 -240
Battery type	2×9AH 12V/External	4×9AH 12V/External	6×9AH 12V/External	16×9AH 12V/External (16-20 units settable)	
Max. charging current (A)	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	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) (standard)	438×413×2U	438×413×2U (UPS)+ 438×413×2U (Batt. pack)		438×500×2U (UPS)+ 438×500×3U (Batt. pack)	
Dimension (W×D×H, mm) (long backup)	438×413×2U	438×413×2U		438×500×2U	
Weight (kg)	11/5.8	7.2+13/8	7.2+17.5/8	10.6+45/10.6	12.2+45/12.2

Subject to modifications

INPUT VOLTAGE
120 – 295 VAC

RATED CAPACITY
1 – 3 kVA

HOUSING
19" tower or rack

KR-RM

GREEN POWER

- AC/AC efficiency up to 93.8%, low operation costs and energy saving
- Output power factor 1.0, capable of connecting multiple critical loads
- Input power factor >0.996 and THDi<5%, environment-friendly and lower TCO

FLEXIBLE CONFIGURATION

- Optional dry contact kits and SNMP
- Selectable output sockets
- External battery pack port available
- Programmable power management outlet (optional)

HOT-SWAP BATTERY DESIGN

- Optional external battery pack
- Easy hot-swap battery replacement

USER-FRIENDLY AND EASY-OPERABLE LCD

- Rotatable LCD for rack or tower mounting



AREAS OF APPLICATION

- DATA NETWORKS
- ROUTER, HUB AND NETWORK DEVICES



KR1000-RM



KR2000-3000-RM



SPECIFICATIONS

MODEL	KR1000-RM	KR2000-RM	KR3000-RM
INPUT			
Voltage (VAC)	120~295		
Frequency (Hz)	40~70		
Power factor	≥0.99		
THDi	<5% (non-linear)		
OUTPUT			
Capacity (VA)	1000	2000	3000
Max. AC/AC efficiency	92.5%	93.5%	93.8%
Power factor	0.9 (1 optional)		
Voltage (VAC)	208/220/230/240±1% (settable)		
Frequency (Hz)	50/60±0.2 (battery mode)		
THDv	THD < 2% (linear load), THD < 3% (non-linear load)		
ECO mode	YES		
Transfer time (ms)	0		
Overload	106%-110% load for 10min, 111%-130% load for 1min, 131%-150% load for 1s, above 150% load for 0.2s		
BATTERY			
Voltage (internal, VDC)	36	48	72
Battery type (internal)	3×7AH 12V	4×9AH 12V	6×9AH 12V
Max. charging current (A)	1-8A settable		
GENERAL			
Communication interface	RS232, EPO, USB (slot) (SNMP, RS485+dry contact are optional in slot)		
*Output outlet	8×IEC320 C13	8×IEC320 C13 + 1×IEC320 C19	
LCD	Blue screen LCD		
Alarm	Low battery, abnormal AC input, UPS failure, etc.		
Protection	Low battery, overload, short-circuit and over temperature, etc.		
Noise (dB)	< 50		
Working temperature (°C)	0-50 (Best operating temperature is 0-40°C, output power derated from 40°C-50°C)		
Relative humidity	0 - 95%, no condensation		
Dimension (W×D×H, mm)	438×420×87 (2U)	438×570×87 (2U)	
Weight (kg)	14	20	26
BATTERY BOX (optional)			
Battery type	2 groups of 3×7AH12V	2 groups of 4×9AH12V	2 groups of 6×9AH12V
Dimension (W×D×H, mm)	438×420×87 (2U)	438×570×87 (2U)	
Weight (kg)	20	29	40

IEC outlet is standard, other outlets are available on option
Subject to modifications

INPUT VOLTAGE
120 – 295 VAC

RATED CAPACITY
1 – 3 kVA

HOUSING
19" tower or rack

KR-RM Li SERIES LITHIUM BATTERY

BUILT-IN LITHIUM-ION BATTERY

- Extra-long backup time,
11 minutes backup time with internal battery
- Wide temperature range up to 60°C
without affecting battery
- Internal lithium-ion battery featuring
up to 8 years of service life
- Up to 100 charging and recharging circles
- Environment-friendly lithium-ion battery

GREEN POWER

- AC/AC efficiency up to 93.0%,
low operation costs and energy saving

COMPACTNESS

- Space-saving, easy installation

USER-FRIENDLY AND EASY-OPERABLE LCD

- Rotatable LCD for rack or tower mounting



AREAS OF APPLICATION

- DATA NETWORKS
- ROUTER, HUB AND NETWORK DEVICES



KR1000-RM Li



KR2000-3000-RM Li



SPECIFICATIONS

MODEL	KR1000-RM Li	KR2000-RM Li	KR2200-RM Li	KR3000-RM Li
INPUT				
Voltage (VAC)	120-295			
Frequency (Hz)	50/60±10% (50/60Hz auto-sensing)			
Power factor	≥0.99			
THDi	<5% (non-linear)			
OUTPUT				
Capacity (VA)	1000	2000	2200	3000
AC/AC efficiency	91.5%	91.5%	91.6%	93%
Power factor	0.9			
Voltage (VAC)	208/220/230/240±1% (settable)			
Frequency (Hz)	50/60±0.1 (battery mode)			
THDv	<3% (linear load)			
Transfer time (ms)	0			
ECO mode	Yes			
Overload	101%-115% load for 1 min, 116%-133% load for 1s, above 134% load for 200ms			
LITHIUM-ION BATTERY				
Voltage (VDC)	24	48	72	72
Backup time (min)	11	11	22	11
Max. charging current (A)	4			
GENERAL				
Communication interface	USB and SNMP (slot) (RS232+dry contact is optional in slot)			
Output outlet	(1)IEC C19 + (6)IEC C13			
LCD	LCD displays the running status of UPS			
Alarm	Battery low-voltage, mains abnormal, UPS fault, output overload			
Protection	Battery under-voltage protection, overload protection, short-circuit protection, over-temperature protection, input over-voltage protection			
Noise (dB)	< 55			
Working temperature	The operating temperature is 0 °C- 60°C (Best operating temperature is 0-40 °C, output power derated from 40°C- 60°C)			
Relative humidity	0 - 95%, No condensation			
Dimension (W×D×H, mm)	438×420×87	438×570×87	438×615×87	438×570×87
Weight (kg)	8.9	13.6	19.1	16.1

Subject to modifications

INPUT VOLTAGE
60 – 148 VAC

RATED CAPACITY
1 – 3 kVA

HOUSING
19" tower or rack

KRA-RM Li SERIES LITHIUM BATTERY

BUILT-IN LITHIUM-ION BATTERY

- Extra-long backup time, 11 minutes backup time with internal battery
- Wide temperature range up to 60°C without affecting battery
- Internal lithium-ion battery featuring up to 8 years of service life
- Up to 100 charging and recharging circles
- Environment-friendly lithium-ion battery

GREEN POWER

- AC/AC efficiency up to 93.0%, low operation costs and energy saving

COMPACTNESS

- Space-saving, easy installation

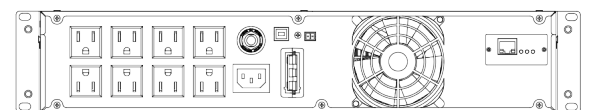
USER-FRIENDLY AND EASY-OPERABLE LCD

- Rotatable LCD for rack or tower mounting

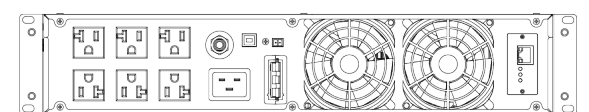


AREAS OF APPLICATION

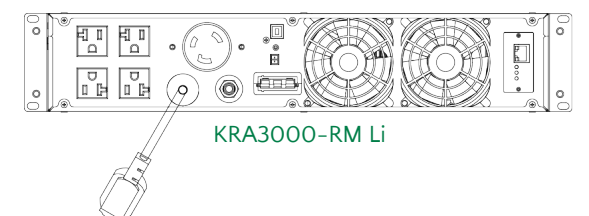
- DATA NETWORKS
- ROUTER, HUB AND NETWORK DEVICES



KRA1000-RM Li



KRA2000-RM Li



KRA3000-RM Li



SPECIFICATIONS

MODEL	KR1000A-RM Li	KR2000A-RM Li	KR2200A-RM Li	KR3000A-RM Li
INPUT				
Voltage (VAC)	60-148			
Frequency (Hz)	50/60±10% (50/60Hz auto-sensing)			
Power factor	≥0.99			
THDi	<5% (linear load)			
OUTPUT				
Capacity (VA)	1000	2000	2200	3000
AC/AC efficiency	91.7%	92.5%	92.6%	92.5%
Power factor	0.9			
Voltage (VAC)	110/120±1%			
Frequency (Hz)	50/60±0.1 (battery mode)			
THDv	<3% (linear load)			
Transfer time (ms)	0			
ECO Mode	Yes			
Overload	101%-115% load for 1 min, 116%-133% load for 1s, above 134% load for 200ms			
LITHIUM-ION BATTERY				
Voltage (VDC)	24	48	72	72
Backup time (min)	11	11	22	11
Max. charging current (A)	4			
GENERAL				
Communication interface	USB, SNMP (slot) (RS232+dry contact is optional in slot)			
Output outlet	(8) 5-15R	(6) 5-20R	(6) 5-20R	(4) 5-20R + (1) L5-30R
LCD	LCD displays the running status of UPS			
Alarm	Battery low-voltage, mains abnormal, UPS fault, output overload			
Protection	Battery under-voltage protection, overload protection, short-circuit protection, over-temperature protection, input over-voltage protection			
Noise (dB)	< 55			
Working temperature	The operating temperature is 0°C - 60°C (Best operating temperature is 0-40°C , output power derated from 40°C-60°C)			
Relative humidity	0 - 95%, no condensation			
Dimension (W×D×H, mm)	438×420×87	438×570×87	438×615×87	438×570×87
Weight (kg)	8.9	13.6	19.1	17.1

Subject to modifications



PRI:LOGY®
SYSTEMS GMBH

YOUR PARTNER FOR UNINTERRUPTIBLE POWER SUPPLY

- RELIABLE
- FLEXIBLE
- ENVIRONMENTALLY RESPONSIBLE







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