



**MADE IN
BRITAIN**[®]

ResiPOWER online UPS system



ResiPOWER

**An instant response,
intelligent UPS system that
ensures power is maintained
to sprinkler pumps in the
instance of fire.**

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ResiPOWER Packaged UPS Systems

To suit ResiSHIELD fire sprinkler pump sets

PRODUCT OVERVIEW

- Complete package including UPS, battery storage and sprinkler-proof enclosure
- Range of sizes covering the complete range of ResiSHIELD sprinkler pump sets
- Volt-free contacts included for BMS or remote monitoring
- Designed specifically for the residential fire sprinkler market
- Modular design to aid access to tight locations
- Straightforward installation
- Expert technical support from Dutypoint back office
- 2-year warranty for peace of mind
- Compliments our ResiSHIELD pump set range to provide a turnkey solution for your sprinkler pump set needs
- Popular models held in stock for fast delivery times

ResiPOWER UPS System Selector for ResiSHIELD Pump Sets

Step 1: Identify the kW size, voltage, and starting type of the ResiSHIELD for which you are selecting the UPS. kW sizes are stated on ResiSHIELD datasheets, technical brochure, and O&M. Voltage and starting type can be identified in the model number as below:

E.g.: RZ0504E(MD)PL

RZ	0504E	M	D	P	L
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Voltage:
M = 230 V 1 phase
T = 415 V 3 phase

Starting type:
D = Direct online
Y = Star-delta
S = Soft start
V = VFD

NOTE: If you are specifying a new ResiSHIELD pump set, we recommend that the starting type be specified as follows:

ResiSHIELD kW size	Recommended starting type
Up to 1.5 kW	DOL
2.2 kW to 11 kW	Soft Start
Over 11 kW	VSD

ResiPOWER UPS System Selector for ResiSHIELD Pump Sets

Step 2: Identify the ResiSHIELD pump set from the below list and choose the appropriate ResiPOWER UPS system according to the required autonomy (according to BS 9251:2021, cat 2-3 sprinkler systems require 30 minutes, and cat 4 systems require 60 minutes).

Voltage	kW rating	Starting type	ResiPOWER UPS system	
			30 mins autonomy	60 mins autonomy
1 phase	Up to 1.1	DOL	RP-RM06-X1607-E	RP-RM06-X1607-E
1 phase	1.5	DOL	RP-RM10-X2009-E	RP-RM10-X2009-E
3 phase	2.2-3.0	Soft start	RP-RK10S/9-E	RP-RK10S/9-A4009-E
3 phase	4.0-5.5	Soft start	RP-RK20S/9-A4009-E	RP-RK20S/9-A8009-E
3 phase	7.5	Soft start	RP-RK30S/0-A8009-A4009-E	RP-RK30S/0-2A8009-E
3 phase	11	Soft start	RP-RK40S/0-2A8009-E	RP-RK40S/0-3A8009-E
3 phase	15	VSD	RP-RK40S/0-3A8009-E	RP-RK40S/0-4A8009-E

ResiPOWER Packaged UPS Systems

RESIPOWER SYSTEMS

System	UPS	EBC	Enclosure	Input (V)	Output (pump set supply voltage) (V)
RP-RM06-X1607-E	RM06	RX1607	RPE-M1	1 phase 230	1 phase 230
RP-RM10-X2009-E	RM10	RX2009	RPE-M1	1 phase 230	1 phase 230
RP-RK20D/9-E	RK20D	N/A	RPE-K0	3 phase 400	1 phase 230
RP-RK20D/9-A4009-E	RK20D	RA4009	RPE-K1	3 phase 400	1 phase 230
RP-RK10S/9-E	RK10S	N/A	RPE-K0	3 phase 400	3 phase 400
RP-RK10S/9-A4009-E	RK10S	RA4009	RPE-K1	3 phase 400	3 phase 400
RP-RK20S/9-A4009-E	RK20S	RA4009	RPE-K1	3 phase 400	3 phase 400
RP-RK20S/9-A8009-E	RK20S	RA8009	RPE-K1	3 phase 400	3 phase 400
RP-RK30S/0-A8009-A4009-E	RK30S	RA8009 + RA4009	RPE-K2	3 phase 400	3 phase 400
RP-RK30S/0-2A8009-E	RK30S	2x RA8009	RPE-K2	3 phase 400	3 phase 400
RP-RK30S/0-3A8009-E	RK30S	3x RA8009	RPE-K4	3 phase 400	3 phase 400
RP-RK40S/0-2A8009-E	RK40S	2x RA8009	RPE-K2	3 phase 400	3 phase 400
RP-RK40S/0-3A8009-E	RK40S	3x RA8009	RPE-K4	3 phase 400	3 phase 400
RP-RK40S/0-4A8009-E	RK40S	4x RA8009	RPE-K4	3 phase 400	3 phase 400



NOTE: Systems are also available without enclosure for where the UPS is not within a sprinkler protected area (remove suffix 'E' from the model number).

If the UPS is to supply more than one pump, take the total kW rating of all pumps combined.

For detailed technical information, refer to the following pages:

ResiPOWER RM	P.10
ResiPOWER RK	P.15
External Battery Cabinets (EBC)	P.20
ResiPOWER sprinkler-proof enclosures	P.23

ResiPOWER Packaged UPS Systems

RESIPOWER SYSTEMS

System	Maximum total power kW (P2) ^{A B}			Maximum kW size for run time ^A	
	VSD	Soft start	DOL	30 mins	60 mins
RP-RM06-X1607-E	2.8	1.4	1.1	1.5	1.1
RP-RM10-X2009-E	4.7	2.3	1.5	2.2	1.5
RP-RK20D/9-E	14	7	3	2.2	1.5
RP-RK20D/9-A4009-E	14	7	3	5.5	3
RP-RK10S/9-E	7	3.5	1.1	3	1.5
RP-RK10S/9-A4009-E	7	3.5	1.1	5.5	3
RP-RK20S/9-A4009-E	14	7	2.1	5.5	3
RP-RK20S/9-A8009-E	14	7	2.1	7.5	4
RP-RK30S/0-A8009-A4009-E	21	10.5	3.2	7.5	4
RP-RK30S/0-2A8009-E	21	10.5	3.2	11	7.5
RP-RK30S/0-3A8009-E	21	10.5	3.2	18.5	11
RP-RK40S/0-2A8009-E	28	14	4.2	11	7.5
RP-RK40S/0-3A8009-E	28	14	4.2	18.5	11
RP-RK40S/0-4A8009-E	28	14	4.2	22	15

NOTE A: Values provided are a guide only based on typical power factor, running current, and inrush current values for a typical asynchronous motor, soft starter and VSD. The kW rating is based on the pump system having the same voltage as the output voltage of the UPS. If in doubt, ask.

NOTE B: If the UPS is to supply more than one pump, take the total kW rating of all pumps combined.

ResiPOWER RM

Single-phase online UPS systems.

PRODUCT OVERVIEW

- Designed to provide continuous, uninterrupted power supply to critical electrical equipment
- Specially designed cable entry system for use with fire-rated FP600 cable
- Compatible with external battery cabinets for increased autonomy

Key Features



TRUE-ONLINE UPS, PROVIDING ULTIMATE STABILITY OF THE POWER SUPPLY

USER-FRIENDLY DISPLAY SHOWING KEY LIVE STATUS INFORMATION

UNITY POWER FACTOR, PROVIDING HIGH EFFICIENCY

AUDIBLE AND VISUAL ALARM ALERTS

Specification

Single-phase online UPS.

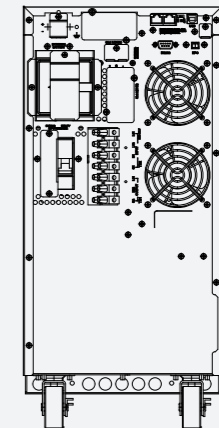
PRODUCT FEATURES

- Maximum power availability: kVA=kW
- Up to 4 units in parallel, 3 + 1 redundancy possible with parallel kit
- Low running costs: the high-efficiency VFI and ECO features minimise energy consumption
- User-friendly monitoring software can be downloaded for free and is compatible with the main operating systems for monitoring functions, diagnostics, and controlled shutdown of loads in the event of faults
- Cold start
- Wide input voltage and frequency ranges reduce battery switching, thereby increasing battery life and efficiency
- Flexible battery configuration to suit your uptime requirements
- Accurate calculated remaining uptime is shown on the display
- Hot-swappable batteries: the batteries can be replaced while the UPS is running
- Firmware can be upgraded easily to implement new features
- EPO or on/off, with remote option
- 6-step operation test that can be activated manually
- RS232 and USB ports, slots for optional communication cards

KEY OPTIONS

- Cards: RS485, SNMP/web and relay card with dry contacts to send the UPS status to various systems, such as BMS, PLC, SCADA and AS400
- Parallel kit
- External battery cabinets
- External manual bypass with additional sockets

Back panel



RM06/10

MAXIMUM POWER, EFFICIENCY AND REDUNDANCY

Model		RM06	RM10
Power	kVA	6	10
	kW	6	10
Input	Rated voltage*	110-280 Vac	
	Frequency	45-70 Hz	
	Power factor	>0.99	
Output	Rated voltage	200/208/220/230/240 Vac selectable	
	Voltage distortion	<2% with linear load, <7% with distorting load	
	Voltage stability	±1%	
	Frequency	50/60 Hz (selectable)	
	Frequency stability	≤ 0.2% (free running)	
	Power factor	1	
	Crest factor	3:1	
	Waveform	Pure sine wave	
	Output connection	Terminal blocks	
	Overload	105% for 10 minutes, 115% for 1 minute	
Efficiency	VFI mode	Up to 94%	
	ECO mode	Up to 98%	
General	Dimensions (W x D x H) mm	240 x 700 x 513	288 x 700 x 513
	Weight (kg)	53	78
	Alarms	Audible and visual alarm alerts for: power failure, low battery, bypass transfer, and UPS fault	
	Protection	Overload, overheating, short circuit, deep discharge, battery overcharging	
	Operating mode	Multi-mode: VFI, ECO, frequency converter (CVCF)	
	Cold start from the battery without mains power	Included	
	Parallel connection	Up to 4 units for 3+1 redundancy	
	Battery type	12V VRLA, AGM (maintenance-free lead)	
Battery	Number per string	16	20
	Uptime with internal battery (in minutes)	16 50% 4 100%	11 4
	Charging time (90%)	4-6 hours	
	Operating temperature**	0-40°C	
Environmental parameters	Relative humidity	0%-90% (non-condensing)	
	Altitude (a.s.l.)	<1000 m with no power derating, >1000 m with 1% derating for every 100 m	
	Audible noise at 1 m	≤60 dBA	
Connectivity	Built-in communication ports	USB, RS232, EPO On/Off contact, and additional slots for optional cards	
	User interface	LCD and function keys (parameters: voltage, frequency, load percentage, battery voltage, output voltage, estimated uptime, UPS temperature)	
	Optional accessories	Cards: SNMP, RS485 ModBus, dry contact relays	
	Compatible software platforms	Microsoft Windows, Linux, Mac OS, VMware	
Regulations	Standards	IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3	
	Marking	CE, UKCA	

*Depending on the load. **To be verified according to the battery parameters.
Specifications subject to change without notice - Rev. 2023/04.

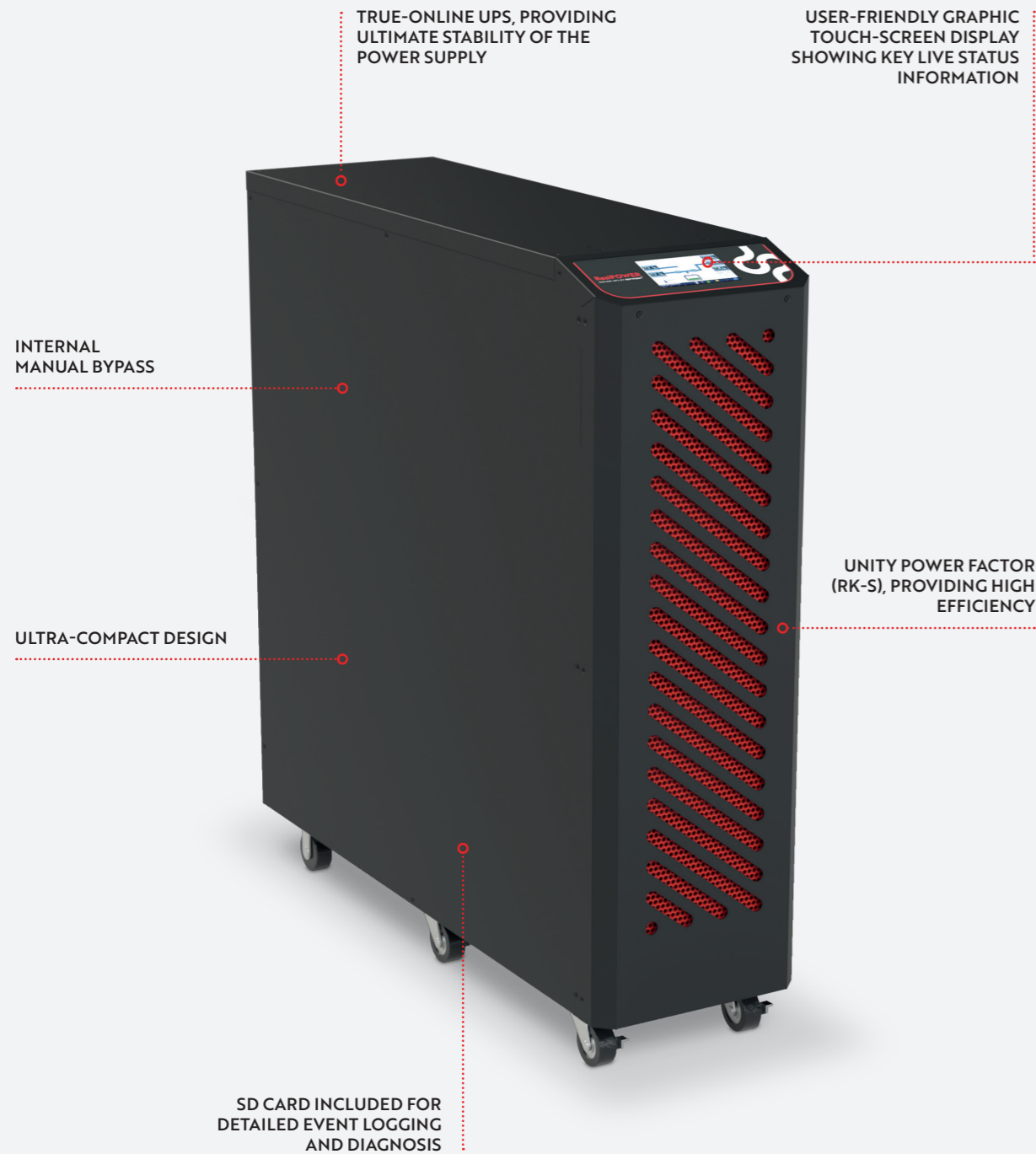
ResiPOWER RK

Three-phase online UPS systems.

PRODUCT OVERVIEW

- Designed to provide continuous, uninterrupted power supply to critical electrical equipment
- Specially designed cable entry system for use with fire-rated FP600 cable
- Compatible with external battery cabinets for increased autonomy

Key Features



Specification

Three-phase online UPS.

PRODUCT FEATURES

- The smallest footprint in its class (0.22 m² for 20 kVA with 40 x 9 Ah internal batteries) and its vertical internal layout ensure a low TCO
- Maximum flexibility: 10, 15, and 20 kVA M models can be easily set up on-site with three-phase (3/3) or single-phase (3/1) output, depending on installation requirements
- PF 1 guarantees maximum power availability: Kva=KW for RK10S, RK15S, RK20S, RK30S and RK40S
- THDi <3% for low impact on the mains supply
- High protection on neutral line thanks to 3 poles battery breakers
- Built-in backfeed contactor
- Converts frequencies without derating, maximising power availability for loads with frequencies other than the mains input frequency
- Cold start function included
- Designed to minimise impact on generators and avoid the need for over-dimensioning them
- Up to 95% efficiency in online mode
- Internal manual bypass and 4-pole switches
- Vertical internal layout ensures easy maintenance
- Wrong phase sequence rotation protection
- High overload capacity for up to 1 minute at 150% load
- Internal battery up to 40 x 9 Ah (for 10, 15 and 20 kVA)
- Built-in high-performance charger (10 kVA with standard charger for up to 10 A)
- Variable battery configuration: 26 to 40 individual 12 V blocks settable from the touch display
- Compatible with lithium-ion batteries or other technologies
- Up to 6 units can be connected in parallel for power or redundancy, settable from the touch display
- Separate or common batteries that can be configured for parallel systems

- Colour LCD touchscreen display for a user-friendly interface (14 selectable languages)
- Wide range of communication options included: two ports as standard, 1 x RS232 and 1 x USB, programmable dry contacts, plus two additional slots for optional cards

KEY OPTIONS

- SNMP, RS-485 ModBus cards
- Battery temperature sensor
- Parallel kit
- Remote touch panel for monitoring up to 64 units with 3 programmable output contacts

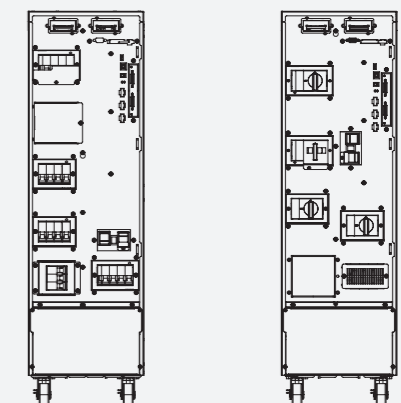
UPS settings and log file info up to 800 events can be easily downloaded to SD.



Settings and log file infos LCD panel Removable SD card

Back panel

RK10D, RK15D RK20D, RK10S, RK15S RK20S RK30S, RK40S



RK10D/15D/20D

TECHNOLOGY AND VERSATILITY WITH THE SMALLEST FOOTPRINT IN ITS CLASS

Model		RK10D	RK15D	RK20D
Power	kVA	10	15	20
	kW	9	13.5	18
Input	Rated voltage	400 V three-phase+neutral		
	Voltage tolerance	±20% @100% load, -40/+20% @50% load		
	Rated frequency	40-70 Hz		
	Power factor	≥ 0.99		
	Current distortion (THDi)	3/1 - ≤ 5% at full load 3/3 - ≤ 3% at full load		
Output	Rated voltage	3/1 - 220/230/240 V single-phase+neutral 3/2 - 380/400/415 V three-phase+neutral		
	Voltage stability	±1% (static load)		
	Frequency	50/60 Hz		
	Frequency stability	±0.01% (free running)		
	Power factor	0.9		
	Crest factor	3:1		
	Voltage distortion	≤2% with linear load, ≤5% with distorting load		
	Overload	110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute		
Battery	Number per string (batt 12V)	26-40 config.	32-40 configurable	
	Max. charging current*	10 A	15 A	21 A
	Common battery for parallel configuration	Supported		
	Internal battery	Housing available for 40 x 12V 7/9 Ah batteries		
Efficiency	VFI mode	Up to 95%		
	ECO mode	Up to 98%		
	In battery	Up to 94%		
Bypass	Rated voltage	3/1 - 220/230/240 V single-phase+neutral 3/2 - 380/400/415 V three-phase+neutral		
	Voltage tolerance	Basic window ±10% (programmable ±5% - ±15%) Critical window ±25% (programmable ±16% - ±30%)		
	Frequency	50/60 Hz		
	Frequency tolerance	±1 Hz / ±3 Hz (selectable)		
General	Parallel connection	Up to 6 units		
	Dimensions (W x D x H) mm	260 x 850 x 890 (including wheels)		
	Weight (kg)	74	76	76
	Protection class	IP 20		
Connectivity	User interface	4.3" colour LCD touch screen display with removable SD card		
	Built-in communication ports	USB, RS232, EPO, 1 in/3 out dry contact relays (programmable) and additional slots for optional cards		
Environmental parameters	Optional accessories	Cards: SNMP, RS-485 ModBus, 6 in/6 out dry contact relays, touch panel for remote monitoring		
	Operating temperature**	0-40°C		
	Relative humidity	0-95% (non-condensing)		
	Altitude (a.s.l.)	<1000 m with no power derating, >1000 m with 1% derating for every 100 m		
Regulations	Audible noise at 1 m	<52 dBA		
	Standards	IEC EN 62040-1, IEC EN 62040-2, IEC EN62040-3		
	Marking	CE, UKCA		

RK10D/RK15D are not part of the standard stocked range; please contact the sales office for further information and availability. *Subject to conditions. **To be verified according to the battery parameters. Specifications subject to change without notice - Rev. 2023/04.

RK10S/15S/20S/30S/40S

TECHNOLOGY AND VERSATILITY WITH THE SMALLEST FOOTPRINT IN ITS CLASS

Model		RK10S	RK15S	RK20S	RK30S	RK40S
Power	kVA	10	15	20	30	40
	kW	10	15	20	30	40
Input	Rated voltage	400 V three-phase+neutral				
	Voltage tolerance	±20% @100% load, -40/+20% @50% load				
	Rated frequency	40-70 Hz				
	Power factor	≥ 0.99				
	Current distortion (THDi)	≤ 3% at full load				
Output	Rated voltage	380/400/415 V three-phase+neutral				
	Voltage stability	±1% (static load)				
	Frequency	50/60 Hz				
	Frequency stability	±0.01% (free running)				
	Power factor	1				
	Crest factor	3:1				
	Voltage distortion	≤2% with linear load, ≤5% with distorting load				
	Overload	110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute				
Battery	Number per string (batt 12V)	26-40 config.	32-40 configurable			
	Max. charging current*	10 A	15 A	21 A	30 A	39 A
	Common battery for parallel configuration	Supported				
	Internal battery	Housing available for 40 x 12V 7/9 Ah batteries				N.A.
Efficiency	VFI mode	Up to 95%				
	ECO mode	Up to 98%				
	In battery	Up to 94%				
Bypass	Rated voltage	380/400/415 V three-phase+neutral				
	Voltage tolerance	Basic window ±10% (programmable ±5% - ±15%) Critical window ±25% (programmable ±16% - ±30%)				
	Frequency	50/60 Hz				
	Frequency tolerance	±1 Hz / ±3 Hz (selectable)				
General	Parallel connection	Up to 6 units				
	Dimensions (W x D x H) mm	260 x 850 x 890 (including wheels)				
	Weight (kg)	74	76	76	85	88
	Protection class	IP 20				
Connectivity	User interface	4.3" colour LCD touch screen display with removable SD card				
	Built-in communication ports	USB, RS232, EPO, 1 in/3 out dry contact relays (programmable) and additional slots for optional cards				
Environmental parameters	Optional accessories	Cards: SNMP, RS-485 ModBus, 6 in/6 out dry contact relays, touch panel for remote monitoring				
	Operating temperature**	0-40°C				
	Relative humidity	0-95% (non-condensing)				
	Altitude (a.s.l.)	<1000 m with no power derating, >1000 m with 1% derating for every 100 m				
Regulations	Audible noise at 1 m	<52 dBA				<55 dBA
	Standards	IEC EN 62040-1, IEC EN 62040-2, IEC EN62040-3				
	Marking	CE, UKCA				

RK15S is not part of the standard stocked range; please contact the sales office for further information and availability. *Subject to conditions. **To be verified according to the battery parameters. Specifications subject to change without notice - Rev. 2023/04.

External Battery Cabinets

External Battery Cabinets (EBCs) house additional batteries and are designed to be connected to the UPS in order to increase run time.

PRODUCT OVERVIEW

- Compact designs offer class-leading capacity-to-size ratio
- Modular design allows multiple units to be connected in parallel to increase autonomy
- Built-in protection fuse

External Battery Cabinets

DRAWINGS AND DIMENSIONS

Model no.	Nominal voltage	To suit UPS model	Battery voltage (V)	Battery capacity (ah)	Number of batteries per string	No. of strings	Empty cabinet weight (kg)	Weight c/w batteries (kg)	Dimensions (mm)		
									Width	Depth	Height
RX1607-1	192 VDC	RM	12	9	16	1	11	46	132	680	440
RX2009-1	240 VDC	RM	12	9	20	1	11	63	132	680	440
RS4009-2*	240 VDC	RM	12	9	20	2	22	126	288	661	663
RS6009-3*	240 VDC	RM	12	9	20	3	22	178	288	661	663
RA4009-1	480 VDC	RK	12	9	40	1	50	146	260	850	890
RA8009-2	480 VDC	RK	12	9	40	2	50	242	260	850	890
RB40-4040*	480 VDC	RK	12	40	40	1	129	709	800	800	1400
RB40-4056*	480 VDC	RK	12	56	40	1	129	1029	800	800	1400
RC40-4069*	480 VDC	RK	12	69	40	1	164	1272	800	800	1900

Models marked with an asterisk (*) are not standard stock items. Please contact the sales office for more information and availability. RC40-4069 batteries are shipped separately to the battery cabinet. All other models are shipped with batteries pre-fitted into the cabinet. **Note:** that where required, multiple battery cabinets can be connected in parallel to achieve higher capacity. In this case, an EBC junction box may be required (see below)

EBC JUNCTION BOXES

Model no.	Maximum current	Maximum no. of EBC	Dimensions (mm)		
			Width	Depth	Height
RP-BCJB-160-2	160a DC	2	400	210	400
RP-BCJB-160-4	160a DC	4	600	210	400



Unit shown: RA type battery cabinet.

ResiPOWER Sprinkler-proof Enclosures

Premium powder-coated mild steel enclosures designed to protect the ResiPOWER UPS from internal fire sprinkler water in the event of fire.

PRODUCT OVERVIEW

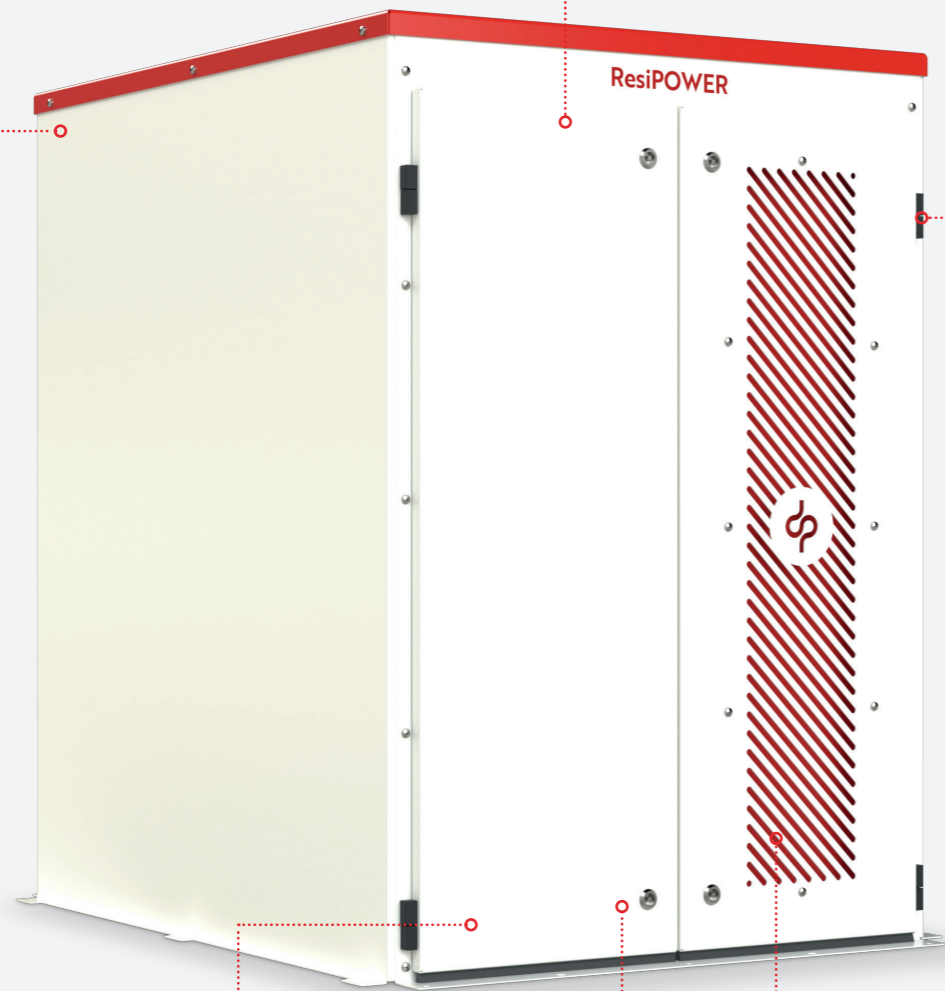
- Specifically designed to suit the ResiPOWER UPS range
- Activate ventilation system included
- Simple on-site assembly

Key Features

POWDER-COATED MILD STEEL CONSTRUCTION TO ENSURE DURABLE AND LONG-LASTING PROTECTION

SINGLE OR DOUBLE DOORS, DEPENDING ON SIZE

LIFT-OFF HINGES ENABLE QUICK AND EASY REMOVAL OF DOORS TO INCREASE ACCESSIBILITY FOR MAINTENANCE



NEOPRENE-SEALED DOOR APERTURES AND PANEL-STYLE DOOR LOCKS ENSURE A TIGHT SEAL WHEN CLOSED

ZERO DOOR THRESHOLD FOR STRAIGHTFORWARD WHEELING OUT OF UPS AND BATTERY BANKS FOR MAINTENANCE

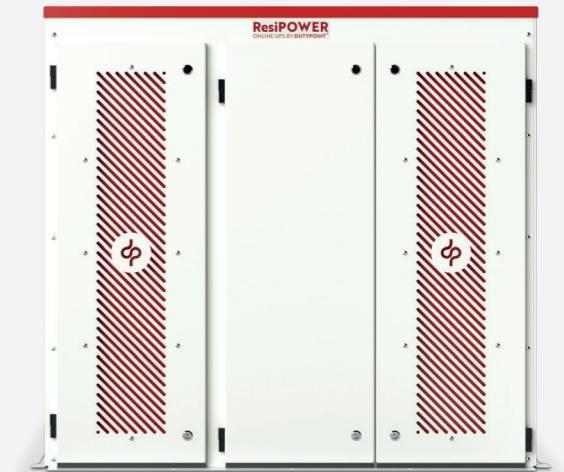
ACTIVE VENTILATION SYSTEM ENSURING OPTIMUM AIRFLOW AND TEMPERATURE TO MAXIMISE UPS AND BATTERY LIFE

Specification

Protection to the ResiPOWER range of UPS and battery bank systems.

PRODUCT FEATURES

- Integrated extract fan as part of the active ventilation system
- Simple modular design for simple on-site assembly
- Removable rear access panel allows access to wiring and fuses without needing to wheel the UPS out
- Brush-sealed cable entry slot

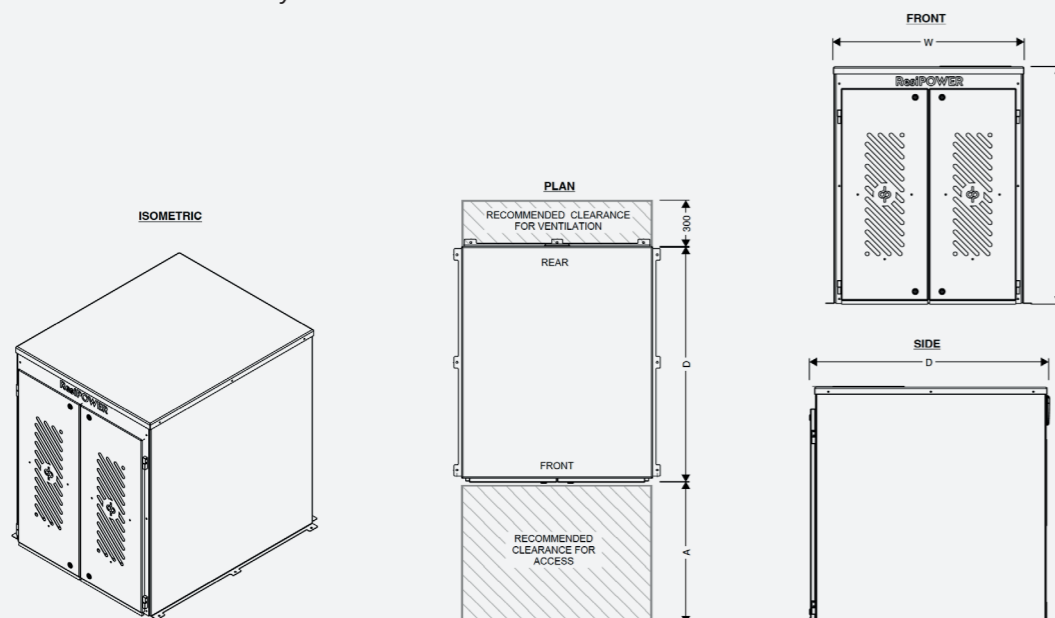


ResiPOWER Sprinkler-proof Enclosures

DRAWINGS AND DIMENSIONS

Model no.	To suit	No. of doors	Dimensions (mm)			
			W	D	H	A
RPE-M0*	RM UPS only	1	620	1170	800	800
RPE-M1	RM UPS + 1 no. type X oRS battery bank	2	960	1170	800	800
RPE-M2*	RM UPS + 2 no. type X oRS battery banks	3	1415	1170	800	800
RPE-K0	RK UPS only	1	620	1320	1250	950
RPE-K1	RK UPS + 1 no. type A battery bank	2	960	1320	1250	950
RPE-K2	RK UPS + 2 no. type A battery bank	3	1415	1320	1250	950
RPE-K3*	RK UPS + 3 no. type A battery bank	4	1820	1320	1250	950
RPE-K4	RK UPS + 4 no. type A battery bank	5	2275	1320	1250	950
RPE-KB*	RK UPS + 1 no. type B battery bank	2	1490	1370	1550	950
RPE-KC*	RK UPS + 1 no. type C battery bank	2	1490	1370	2050	950
RPE-OB*	Ino type B battery bank only	1	1080	1170	1550	950
RPE-OC*	Ino type C battery bank only	1	1080	1170	2050	950

Models marked with an asterisk are not part of the standard stocked range. Please contact our sales office for further information and availability.



Electrical Ratings and Cable Recommendations

The below information is intended as a guide only. The selection and specification of all cables are the responsibility of the fire sprinkler installation contractor and associated electrical sub-contractors.

ELECTRICAL DATA

UPS model no.	Input		Output		Max battery discharge current (A)
	Voltage	Maximum current (A)	Voltage	Maximum current (A)	
RM06	230V 1ph	36	230V 1ph	36	36
RM10	230V 1ph	62	230V 1ph	50	53
RK20D	400V 3ph	36.3	230v 1ph	91.2	69
RK10S	400V 3ph	18.2	400V 3ph	14.4	35
RK20S	400V 3ph	36.3	400V 3ph	28.9	69
RK30S	400V 3ph	53.8	400V 3ph	43.3	103
RK40S	400V 3ph	71.4	400V 3ph	57.7	137

MINIMUM RECOMMENDED CABLE SIZE (BASED ON FP600)

UPS model no.	Input		Output		Battery	
	Size (mm ²)	Max cable length (m)	Size (mm ²)	Max cable length (m)	Size (mm ²)	Max cable length (m)
RM06	6	25	6	25	10	10
RM10	10	25	10	30	10	10
RK20D	6	40	16	30	16	10
RK10S	4	50	4	50	10	10
RK20S	6	50	6	50	10	10
RK30S	10	50	6	40	25	10
RK40S	16	50	10	50	35	10



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