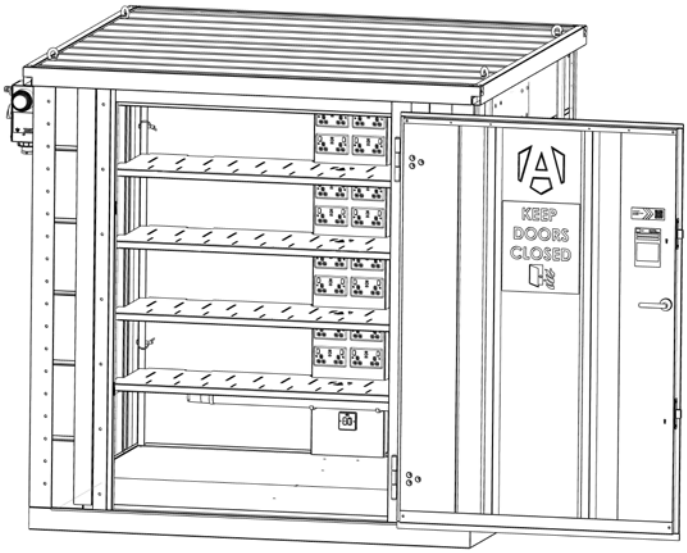
powerstor™

Operational and maintenance manual

Suitable for: PWR1, PWR2



Welcome

Welcome to your Armorgard PowerStor. The plug-and-play storage container which safely and securely charges batteries. Featuring F.I.R.E.E. Technology, the unit pro-actively keeps fire risks at bay, and dramatically reduces the hazards created by thermal runaway from Li-Ion batteries.

Please read this operational and maintenance manual carefully prior to using the PowerStor.

Please note that the unit should only be used as supplied and detailed in this manual. No adjustments, alterations, or changes should be made to the unit without prior written consent from Armorgard.

Armorgard accepts no liability for unauthorised modifications made to the unit which may damage or cause compromised operation of the unit and will breach our terms of use and warranty policies.

Contents

Safety information

- Before using the PowerStor, ensure any relevant risk assessments are carried out, especially fire safety.
- The PowerStor is a safe and secure method for charging and storage of tool batteries - Armorgard cannot be responsible for accidents that occur due to negligence or misuse, nor any accidents/damage as a result of misuse to either personnel or property.
- Please note that the unit is supplied ready to plug in and use. No adjustments, alterations, or changes should be made to the unit without prior discussion with Armorgard, as this will void warranty.
- Ensure the PowerStor is thoroughly examined before lifting via crane or moving it. Only qualified personnel should lift the PowerStor. Carry out a risk assessment before lifting or lowering the PowerStor to ensure there is not risk of injury. Ensure a valid LOLER certificate is in place.
- Only move or lift the PowerStor when empty, with doors closed and locked.
- Always use the forklift pocket access points when moving by forklift.
- The PowerStor must be positioned on a flat, solid surface, and should be level and stable before being used.
- The unit should be positioned outdoors and located as furthest away from other infrastructure/buildings as is practically possible. The unit must also not be stored in proximity of flammable and hazardous substances. Armorgard recommends 3 metres away from any infrastructure/buildings, with an absolute minimum of 1 metre.
- We recommend for the unit to be best placed in a shaded position for keeping temperatures cool.
- Keep at least 1 metre of open space in front of the exhaust vent of the PowerStor to allow for suitable effluent gas dispersion.
- Position the PowerStor away from hot works, DSEAR and COSHH areas, naked flames, smoking areas, and high dust areas.

- Only use the PowerStor within its operating temperature range of -10°C to +45°C.
- Do not cover or obstruct any instruments installed on the external alarm box light on out of the PowerStor.
- Keep the PowerStor clean and free from dust and debris.
- As part of fire risk assessment, inform your local fire department of the use of PowerStor when on location. Where possible, integrate into existing wireless fire alarm system.
- Ensure the PowerStor is not damaged before using it.
- Before using the PowerStor, it should be plugged into the mains for 48 hours to ensure the battery backup is fully charged.
- The PowerStor should be left plugged in with the power on, to ensure the emergency battery backup inside the unit is fully charged.
- All personnel using the PowerStor should be familiar with safe operating procedures.
- Before charging or placing a battery inside the PowerStor, ensure it meets the safety criteria found on the inside door sticker and detailed in this manual on page 15-16.
- If the emergency light on the external electrical box of the PowerStor is flashing and the siren is sounding, DO NOT ENTER OR OPEN THE UNIT UNDER ANY CIRCUMSTANCES. Alert the fire service immediately and always follow their instructions.
- Each Shelf has a UDL100kg load rating. This must not be exceeded.
- Only store batteries and chargers inside the unit and do not fill with unnecessary combustible material.
- Always KEEP DOORS SHUT and lock the PowerStor when not in use or out of sight.
- DO NOT tamper with, or alter the fire suppression system installed at any time.
- The heater must not be tampered with at risk of damaging batteries.
- Always charge batteries using the shelves provided, do not charge them on the floor.

- Always use OEM certified charging equipment.
- Never lock the PowerStor with anybody inside the unit.
- Do NOT use the PowerStor indoors.
- Do not run extension leads from the provided RCD protected sockets.
- Do not store flammables, vapours and pressurised canisters inside the PowerStor.
- The PowerStor should only be powered by an IP67 extension lead @ 240V 32A.
- The extension power supply lead must be connected to a grounded (earthed) power supply.
- If the fire suppression system is activated, the PowerStor should be taken out of use immediately by switching off the power and the fire brigade called. Armorgard should also be consulted without delay.
- You must always follow the PowerStor service and maintenance criteria.
- When the PowerStor is not in use, turn the Isolator switch to “off” position.

Whilst every effort has been made to ensure this operational and maintenance manual covers every aspect needed to operate your product safely, please take care whilst using the product and always operate with caution. Always liaise with management personnel on site for any additional operational restrictions that you need to be aware of. Risk assessments should always be carried out when using any equipment.

Product specification

Product Code	Description	Weight (kg)	External Dimensions W x D x H (mm)	Internal Dimensions W x D x H (mm)
PWR1	1m PowerStor	400	2158 x 1024 x 2100	1920 x 842 x 1898
PWR2	2m PowerStor	540	2158 x 2037 x 2100	1920 x 1851 x 1898

Fire plan

As part of your routine fire inspection, you must:

- Ensure that the fire department knows how the PowerStor will be used and how the unit works. They should be made aware of the location of the unit.
- Larger facilities with emergency response plans must log with the fire department on local information as a point of interest.

This will ensure clarity in the event of a fire, where the responders understand the fire prevention and suppression capabilities of the PowerStor.

After a fire...

1. In the unlikely event of a fire, once the threat of fire has been completely neutralised, the owner must remove any contaminated waste in the affected areas in accordance with appropriate waste disposal requirements.

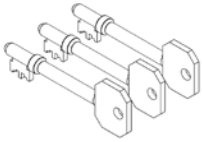
2. The customer is responsible for disposing of the WEEE at the end of its life unless otherwise agreed.
   Please dispose of electrical and electronic equipment through a Designated Collection Facility (DCF) where special facilities exist for correct disposal.

3. As the fire suppression system renders the PowerStor unusable after activation, the complete unit will have to be disposed of in accordance with any local council regulations and WEEE guidelines. The majority of the unit and contents can be recycled at any metal recycling centre.

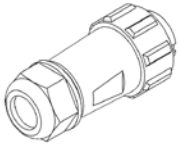
   The EC Directive on WEEE aims to minimise the impact of electrical and electronic goods on the environment, by increasing re-use and recycling and reducing the amount of WEEE going into landfill. In essence, some of the chemicals and metals in electrical items can be harmful to the soil and human health when disposed of in landfill sites. By working together, we can all reduce the amount of landfill and resulting contamination.

What’s included...

1x PowerStor unit



3x keys



1x SP21 male connector

You'll need...

1x contract SIM card

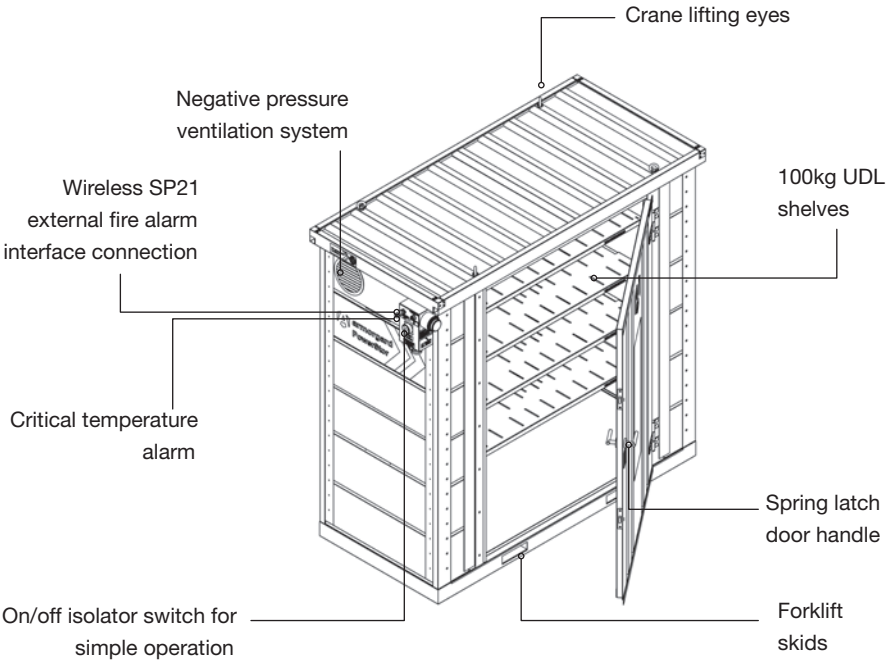
1x 32A IP67 power supply lead

1x wireless fire alarm relay

1x ratchet spanner (for attaching lockable shelves)

Getting to know your PowerStor™

Safely and securely charging Li-Ion batteries on site with the PowerStor, featuring F.I.R.E.E. Technology.



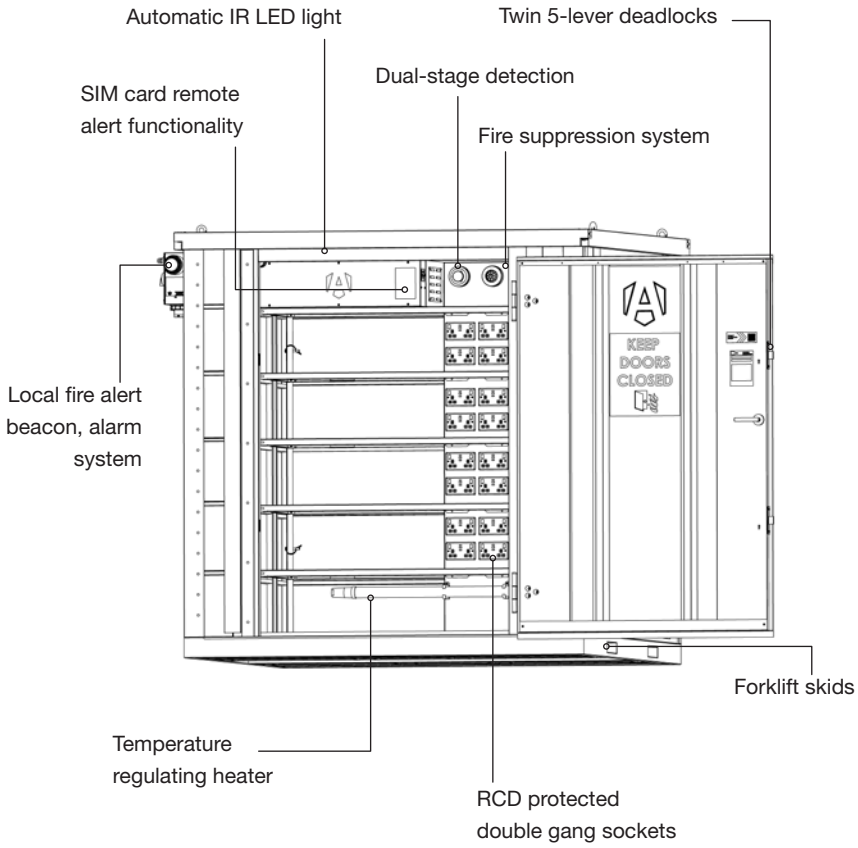
5-lever deadlock

Forklift skids

Crane lifting eyes

Light supply

Power supply 240V




Safety signage

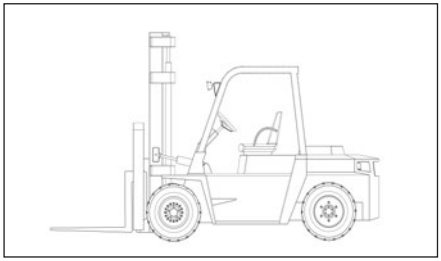

Ventilation

RCD protected

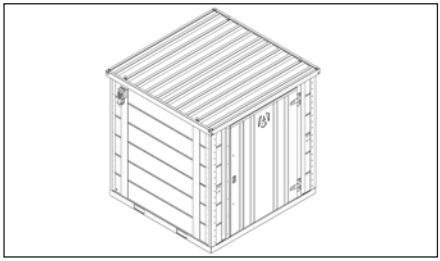

Audio alert


Visual alert

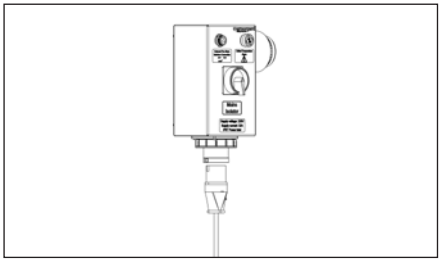
How to assemble



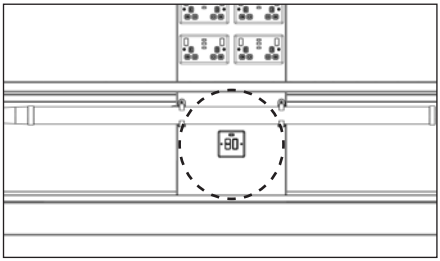
1. PowerStor arrives fully assembled, you will require a forklift or HIAB/ crane when unloading your PowerStor.



2. It is important to check that the product is not damaged upon arrival and all parts are intact, paying special attention to electrical components. Make a note of the unique serial number located on the top right of the door.



3. It is important after delivery of the PowerStor and before first use, that the unit is left plugged into the mains power for 48 hours to fully re-charge the internal battery back-up. When using an IP rated, 32A connector, twist the inlets locking collar anti-clockwise onto the plug to secure the extension lead.



4. The unit is equipped with an automatic thermostatic heater which will automatically turn on/off to keep batteries charging in a safe atmosphere. If the heater is required to be turned off for any reason, the isolation switch can be found below the heater, under the bottom shelf.

Fire system maintenance:

» Ensure the PowerStor is kept in a serviceable condition in accordance with the supporting maintenance documentation – scan the QR code for more information:

GSM set-up:

» Unit is supplied ready to plug in and use. The exception to this is programming the GSM notification system – scan the QR code for instructions:

No adjustments or alterations should be made to the unit without authorisation from Armorgard.

This operational and maintenance manual MUST be kept in the premises information box.

Whilst every effort has been made to ensure this operational and maintenance manual covers every aspect needed to operate your product safely, please take care whilst using the product and always operate with caution. Always liaise with management personnel on site for any additional operational restrictions that you need to be aware of. Risk assessments should always be carried out when using any equipment.

Electrical safety information

- Do not subject the total power draw inside the PowerStor beyond 32A at any time.
- The power supply must have sufficient over current and surge protection.
- Ensure an assessment has been made of any electrical hazards before using it.
- Ensure that all persons using the PowerStor understand its operating parameters and safe guarding requirements for risk free operations.
- Ensure trailing cables do not pose a trip hazard.
- Check that socket outlets are not overloaded by using unfused adaptors and regularly test RCD function on each socket.
- Switch off and unplug appliances before cleaning or adjusting them.
- All equipment being charged should have an up-to-date PAT test completed.
- Stop using equipment immediately if it appears to be faulty or damaged.
- Turn off all appliances when not in use.
- Qualified personnel should determine the relevant earthing requirements have been met to BS7671:2018 and BS7430:11.
- In order for this unit to remain compliant to its certification, it MUST be wired into a pre-existing alarm system through the SP21 connection.

Do	Don't
✓ Follow all safety guidance supplied	✕ Fill container with non-battery equipment
✓ Keep door closed at all times	✕ Exceed shelf UDL load
✓ Ensure it's safe when opening/closing door	✕ Exceed total energy storage capacity
✓ Situate PowerStor away from exit routes	✕ Store batteries fully charged when possible

Safe working conditions for battery charging

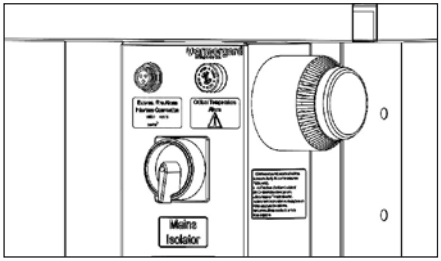
All batteries placed on charge within the PowerStor MUST first meet the following checks:

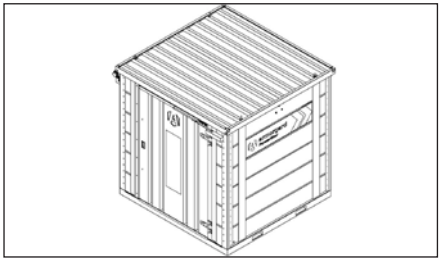
- Check the case of the battery does not have any physical damage, swelling or leaks.
- Ensure no corrosion of charging terminals.
- Ensure the battery is dry and clean of dust and debris.
- Check for error lights or warnings on the battery and/or charger. Only use approved/ certified OEM chargers and batteries.
- Check the charging cables for any damage.
- Never store combustible material on the shelves.
- Do not overload the maximum UDL load of the shelf.
- Always follow the battery manufacturer's safety information/advice.
- Unplug battery when fully charged.
- Do not use multi-socket extension leads inside the unit.
- Always shut main door when away from the unit.
- Do not stack batteries on top of each other.
- Keep a minimum of 200mm spacing between batteries.
- Do not exceed the total energy containment rating (TECR) of the unit (see details below).

PWR1:	TECR 2 kWh	500 Wh Third Party Certified single battery
PWR2:	TECR 16 kWh	4 kWh Third Party Certified single battery

- For PWR1, do not store or charge batteries which exceed 500 Wh. Each shelf should have all batteries evenly distributed along the shelf with minimum spacing of at least 200mm. Do not exceed the TCER of 2 kWh.
- For PWR2, do not store or charge batteries which exceed 4000 Wh. Each shelf should have all batteries evenly distributed along the shelf with minimum spacing of at least 200mm for batteries. Do not exceed the TCER of 16 kWh.

In the event of a fire...





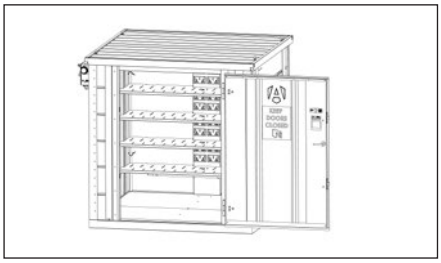
1. If not connected to a pre-existing fire alarm system and the RED beacon is flashing and can be heard and smoke is visible, dial 999.

2. Do not approach the units – 240V power is automatically isolated from the sockets. It is recommended to disconnect the load from power source if possible.

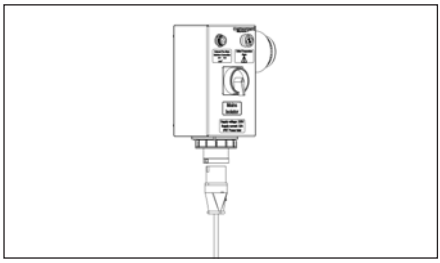
Instructions for the fire department

1. An aerosol fire extinguishing system is fitted with automatic activation.
2. Unplug the unit from the power source, only if safe to do so.
3. DO NOT ENTER THE UNIT until the unit has cooled down sufficiently.
4. Water can be used to hose down the exterior to assist with the cooling process.
5. The reset button for the alarm system is located on the right of the fuse box on the top shelf ONLY if it is confirmed to be a false alarm.
6. Contact Armorgard Ltd for additional support.

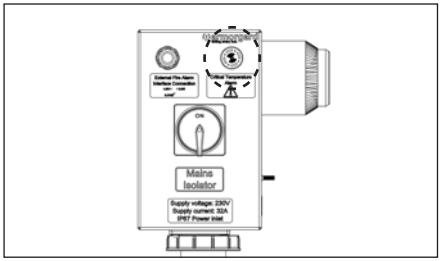
How to use



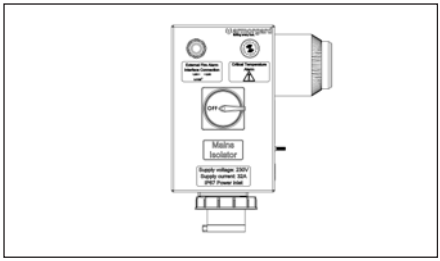
1. Place the PowerStor on a stable, even surface. Open doors and before plugging in, follow all routine inspections outlines on page 14 of this manual.



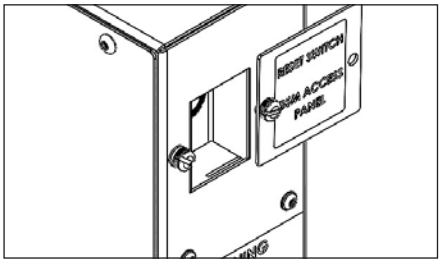
2. Using a IP67 3-Pin Lead, connect the unit to a 240V 32A power supply.

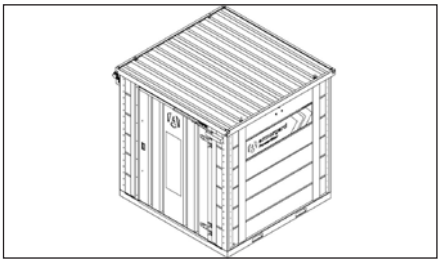


3. Turn the isolator switch to the ‘ON’ position to power the sockets for charging. You will hear 2 audible beeps and flashes from the critical temperature alarm to know the unit has been turned on with power. If this does not happen, leave the unit on to charge for 48 hours to allow the internal battery to charge.



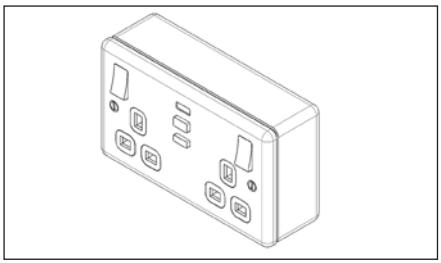
4. Turn the isolator switch to the “OFF” position to turn power off to the sockets.





5. If call and text notification is required, follow the GSM set-up instructions. Scan the QR code for instructions:

6. All safety control systems within the PowerStor will continuously maintain the optimal charging and fire safety parameters of the unit, regardless of the PowerStor being powered on or off. However, it is recommended that the PowerStor is left plugged into the power supply to maintain charge in the 12v battery backup.



7. PowerStor sockets are individually RCD protected. There are 2 buttons located on the face of the socket, a test button (red) and a reset button (orange). The indicator at the top of the socket will show red (on) or green (off). Always press the test button before each use. Should an appliance trip the socket, remove the plug and press the reset button to continue use.

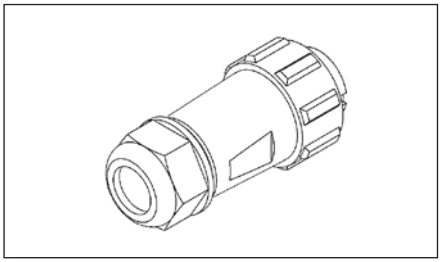
Connecting PowerStor to a wireless site fire alarm system

The PowerStor is compatible with most pre-existing fire alarm systems. In order for this unit to remain compliant to its certification, it MUST be wired into a pre-existing alarm system through the SP21 connection.

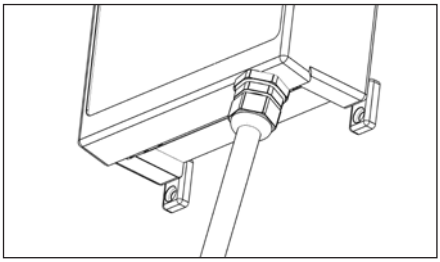
Please contact Armorgard if you have any questions regarding compatibility.

It may also be necessary to contact your fire alarm system provider to prepare the interface.

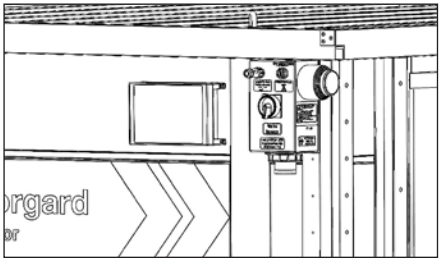
Note: Ensure care is taken not to damage the internal wiring when securing any additional components as Armorgard does not take liability for damage made through modifications to the unit.



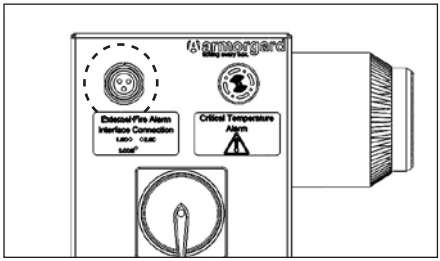
1. Terminate a suitable length of 2-core flex into the male SP21 plug provided. The terminals of the socket are wired to '1' as 'normally open', '2' as 'normally closed' and '3' as 'common'. It will be necessary to know whether the fire alarm systems operates as a normally open or normally closed circuit. The contacts are volt free.



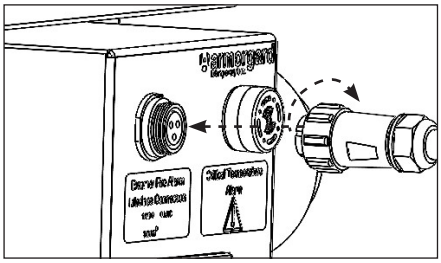
2. Terminate the other end of the cable into the existing fire alarm system.



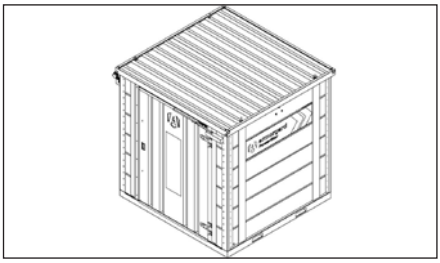
3. The easiest way to fix a wireless interface onto the PowerStor is by marking the hole pattern of the four tabs and securing using appropriate fixings.



4. Locate the 3-pin socket in the top left of the alarm panel and unscrew the IP rated cap.

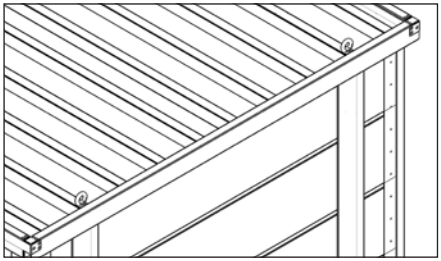


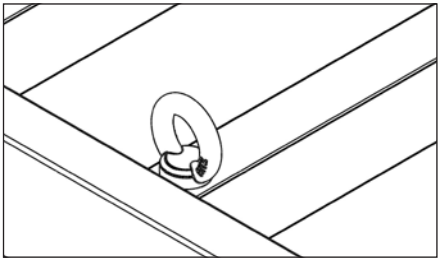
5. Connect the alarm interface and tighten the locking ring. In the case of a false alarm, the system can be reset using the button located behind the SIM card cover panel located on the right of the fuse box inside the unit. In any other instances of an alarm, the standard emergency procedures should be followed.



6. All the safety control systems within the PowerStor will continuously monitor and maintain the optimal charging and fire safety parameters within the unit, regardless of the PowerStor being powered on or off. However, it is recommended that the PowerStor is left plugged into the power supply to maintain charge in the 12v battery backup.

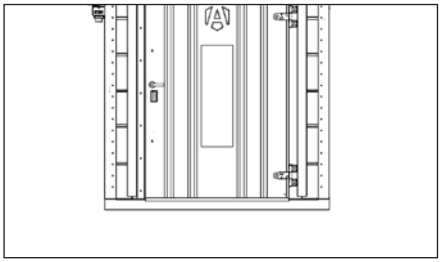
Using the lifting eyes

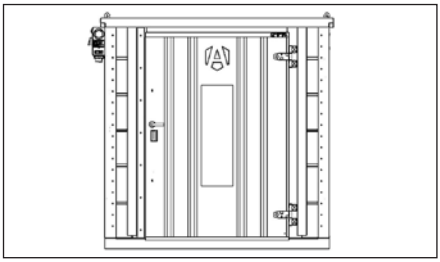




1. Prior to lifting, ensure the PowerStor is empty of contents and the main door is locked and closed.

2. Attach a suitable 4 leg lifting chain or 2T Rated sling to each of the lifting points on the top of the PowerStor. All four lifting points MUST be used.



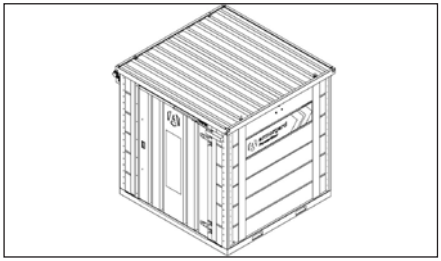


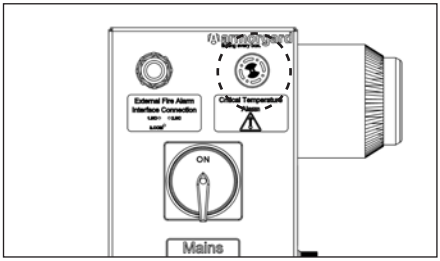
3. After checking no persons are in the immediate lifting area, and the intended path of travel is correctly cordoned off and monitored by authorised personnel. Carefully lift the PowerStor off the ground, checking the unit is balanced before moving to its final location.

4. After carefully lowering the PowerStor to its intended location, the lifting equipment can be removed. Perform all unit inspections as a new unit.

The lifting eyes are only provided for positioning of the PowerStor, and the unit must be empty while lifting. Before lifting, each lifting eye needs to be checked that it is undamaged and fitted correctly, and should be inspected by a lifting operator before use.

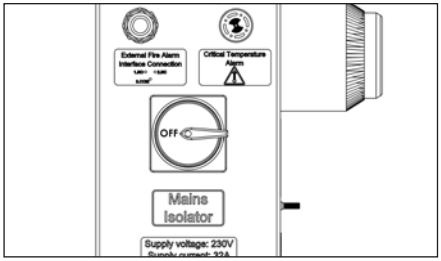
Using the temperature alert system

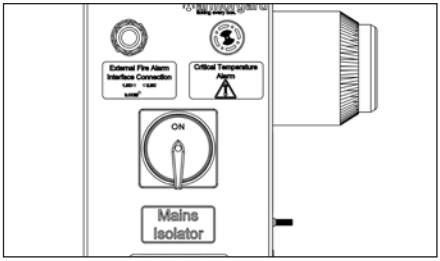




1. Should the internal temperature of the PowerStor exceed 60C, the power will automatically be isolated from the sockets and prevent charging.

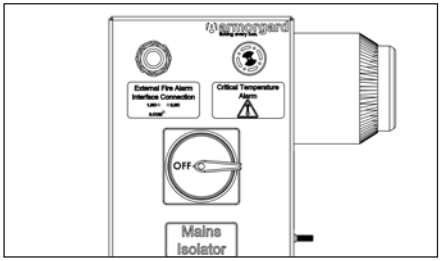
2. The red LED light above the isolator switch will begin to flash and an audible beeping sound will be heard to alert the user the PowerStor is above the safe charging temperature.



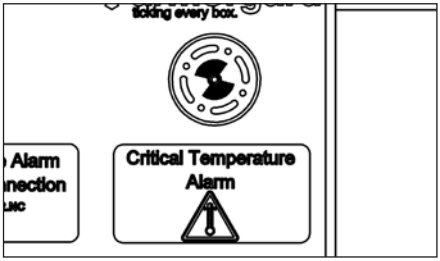


3. To silence the alarm, turn the isolator switch “OFF” but keep the PowerStor plugged in. This will allow the fan to cool the internal temperature to below the 60C threshold.

4. To check if the PowerStor has been returned to a safe charging environment, turn the isolator switch back to the “ON” position. If the alarm is no longer sounding, power will be restored to the sockets and charging can resume.



5. If after turning the isolator switch back ‘ON’ the alarm continues to sound, turn it ‘OFF’ to silence the alarm and allow more time for the PowerStor to return to a safer charging environment. Periodically repeat this step until the alarm has deactivated.



6. If the critical alarm is sounding and you cannot hear the fan running, you must contact Armorgard.

Take your PowerStor™ to the next level with these optional extras

Contact the Armorgard team to find out more about the optional extras for your product.

BlokkaBar

To enhance your PowerStor's security

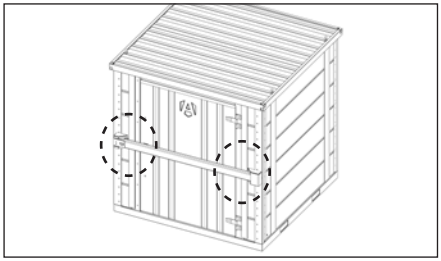
Ramp

To improve accessibility when moving heavy equipment

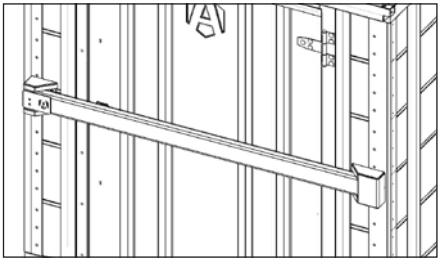
Lockable shelves

To secure and compartmentalise the PowerStor.

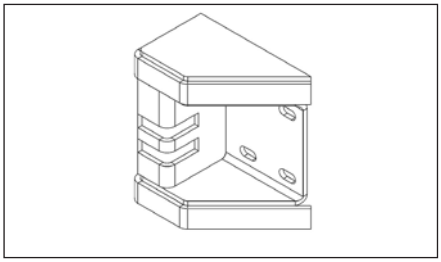
Attaching the BlokkaBar (optional extra)



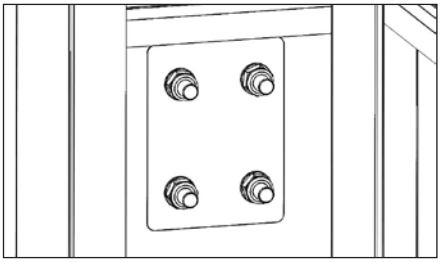
1. To attach the BlokkaBar, locate the pre-drilled holes on either side of the door. Then, remove the coach bolts and blanking plate.



2. Place the lock housing of the BlokkaBar on the left side of the door. The other housing should be placed on the right side of the door.

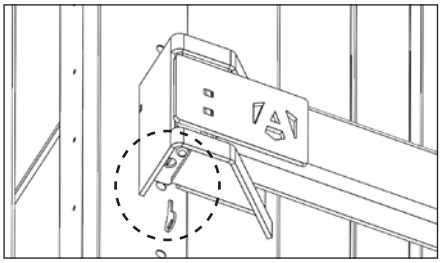


3. Ensure the padlock is located in the locking housing with the lock facing down. Push the coach bolts through the holes in each housing and place into the pre-drilled holes in the PowerStor.

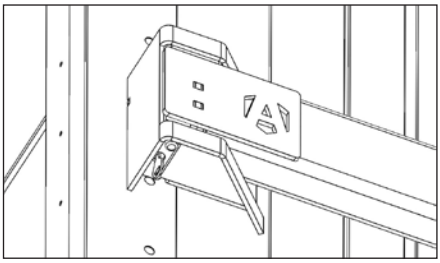


4. Inside the PowerStor, replace with the blanking plate and then place a washer and nylock nut on each bolt. Repeat for both housings.

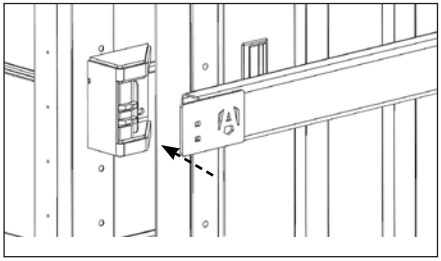
Using the BlokkaBar (optional extra)



1. To unlock the BlokkaBar, place the key in the keyhole of the lock on the bottom, and turn. This will unlock, releasing the pin.



2. Remove the bar by pulling it and sliding it to the left. This will allow the access to the door's locking system.

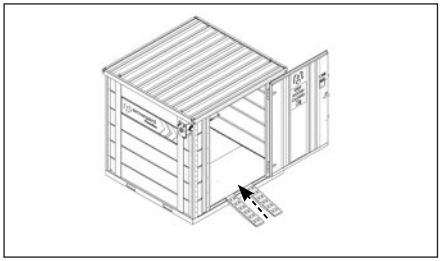


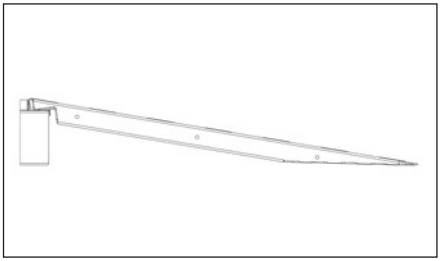
3. To lock for maximum security, ensure that the PowerStor door is locked before placing the BlokkaBar. Slide the bar in place.

4. Then, push in the pin of the lock that is located at the bottom of the left lock housing of the BlokkaBar, this will ensure everything is secure in place.

Important! Please note that spare keys are not available for the BlokkaBar.

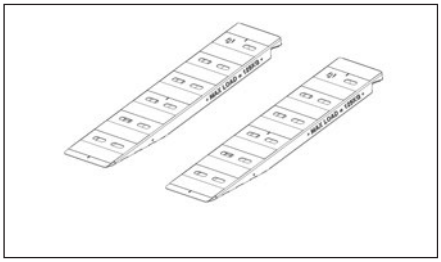
Attaching the ramp (optional extra)





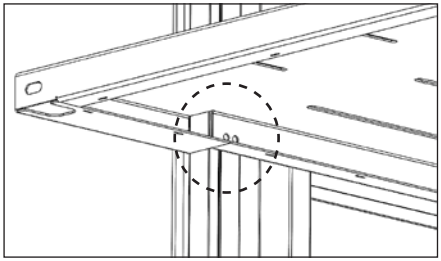
1. Position the x 2 ramps along the opening of the PowerStor, to match that of the wheel width of your transporting equipment.

2. Ensure the ramps are securely place on the bottom ridge of the opening of the PowerStor.

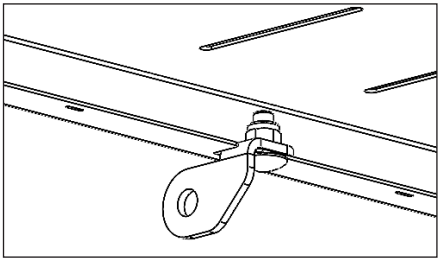


3. When using the ramp, do not exceed the 125kg UDL that it was designed for. Do not close the door whilst the ramp is in position.

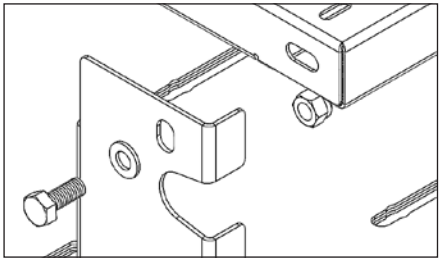
Attaching the lockable shelves (optional extra)



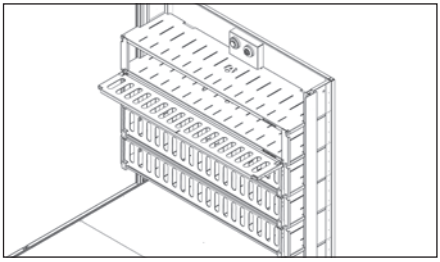
1. When attaching the lockable shelves, ensure that the red fire cable that is tied under the top shelf does not get damaged. Firstly, remove the screws located under the shelves as shown in the image above, to allow the shelves some movement.



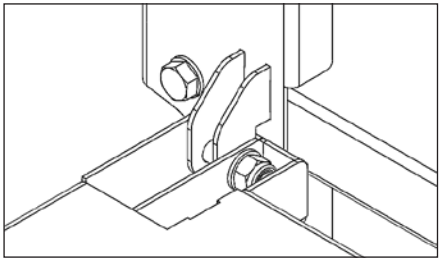
2. Then, bolt the locking tab onto 4 shelves using M8 coach bolt and nyloc nut, leaving the bottom shelf. Ensure the fire cable is not damaged and fixings are tight. We recommend using a ratchet spanner.



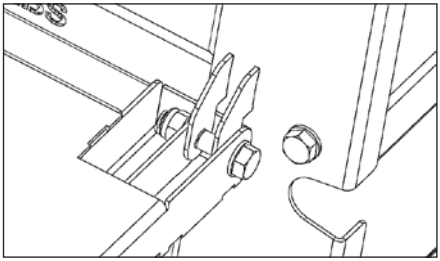
3. Bolt the left and right panels in position, using the slots on the shelves with the provided M8x20mm fixings. Ensure all fixings are tight.



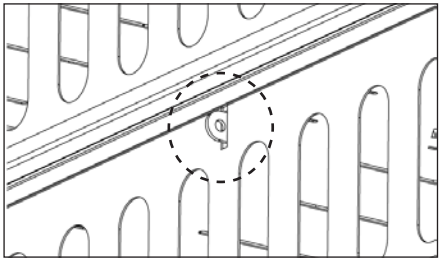
4. Install the shelf door in the open position using M8 x 40mm fixings, the nyloc nut must be positioned on the inside.



5. Continued from step 4.

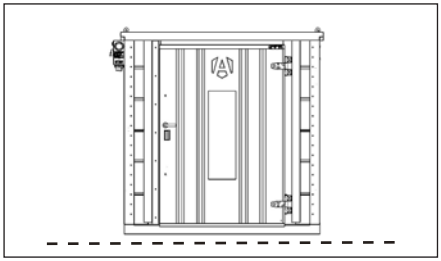


6. Continued from step 4.

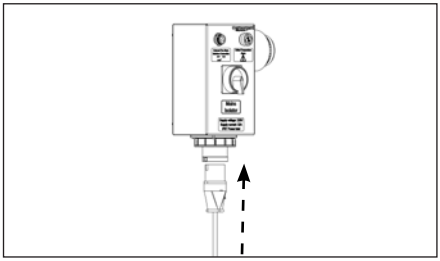


7. Repeat for all shelves. For transport only - close the doors and secure shelves using a cable tie.

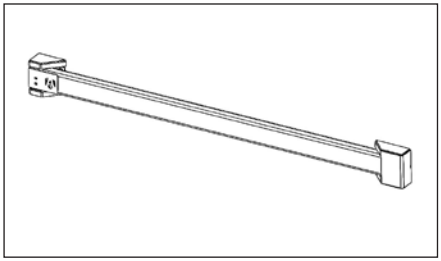
Storing the unit



1. When storing the PowerStor, it should be positioned on level ground in a shaded area where possible.



2. Always keep the PowerStor plugged in to charge the internal battery backup. It is not necessary to switch the unit on for the internal battery backup charging to take place.



3. Ensure that all locks are secured when leaving the PowerStor unattended. Use the BlokkaBar to enhance security if needed.

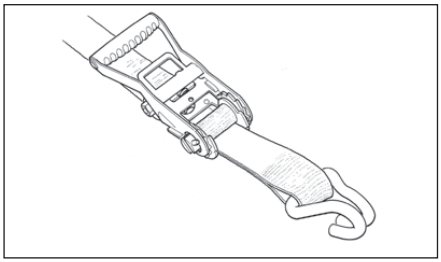
Transporting the unit

The PowerStor has been designed to make transporting the product easy.

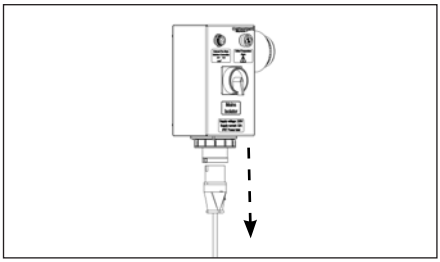
The four crane lifting eyes come with the PowerStor and are attached to the roof. These are for ease of transporting the unit only. The unit should never be lifted when loaded or plugged in.

Always use the forklift pockets when transporting by forklift.

When transporting the PowerStor, the main door must be locked and the supply lead unplugged.



1. During transport ensure that the PowerStor is secured to the carrier by strapping down the unit fully.



2. When moving the unit, ensure it is disconnected from mains power supply and ensure all trailing cables are correctly stored. To disconnect the lead, unscrew the retaining collar located on the appliance inlet clockwise and pull out straight. Do not twist the lead.

Equipment care

The PowerStor is only intended for outdoor use. It is always important to note that electrics or equipment susceptible to water damage should be sealed and secured and only storing this type of item on the shelves. Keep at least 1 metre of open space around the PowerStor to allow for suitable effluent gas dispersion.

Always ensure that the product data plate remains visible and in good condition, especially the unique serial number, as this is required should you need a replacement lock or key. Always keep the doors closed at all times.

We recommend carrying out electrical safety checks such as continuity, insulation, earth to frame and RCD function to ensure all components are functioning on a bi-annual basis.

Ensure the maintenance schedule is followed as per page 16 of this manual for fire system, or as per site specific requirements.

DSPA fire system maintenance record

The fitted fire extinguisher must be serviced and maintained in accordance with the recommendations and frequencies of DSPA generator MAINTENANCE SCHEDULE.

Schedule	Requirements
Weekly	• Check all electrical connections • Visually inspect components
Semi-annual	• Inspect and test all system components • Inspect mounting and position of generators • Generator casing and actuators • Generators are securely mounted • Generators are free from corrosion • Service life of generator
15 years	• Replace DSPA generator after 15 years (contact Armorgard).

The fitted fire extinguisher must be serviced and maintained in accordance with the recommendation and frequencies of DSPA generator maintenance schedule to adhere to EN12094-1, EN 15276-1, ISO15779, UL2775 and BRL K23001 and further amendments. Follow our daily inspection & maintenance checklist to ensure your PowerStor is kept safe for operation.

Disclaimer: Any physical electrical testing and maintenance requires that the DSPA generator is isolated to prevent the accidental release of fire suppression. Contact Armorgard for further information.

Ongoing maintenance

It is important to check that the PowerStor is not damaged before every use. Any damage should be immediately reported.

We recommend for you to check the locks, forklift pockets, crane lifting eyes, plug sockets and fan functionality every three months, to ensure that the PowerStor can operate fully. If the PowerStor will be under rigorous use, we recommend integrity checking regularly.

Always carry out integrity checks before lifting the PowerStor.

The PowerStor arrives fully tested to current UK regulations. It is the customer's responsibility to carry out all relevant electrical testing on an annual basis.

If connected into an existing fire/smoke alarm system, the PowerStor should become part of the routine alarm testing schedule.

Keep the ventilation clear. You may need to remove the vent to gently clear/clean the ducting behind it.

To ensure optimum and safe functionality of your PowerStor, it is critical to adhere to the following maintenance instructions. Scan the QR code for more information:

Disclaimer: Any physical electrical testing and maintenance requires that the DSPA generator is isolated to prevent the accidental release of fire suppression. Contact Armorgard for further information.

Warranty

Armorgard products are built to last, and all have a manufacturer's warranty of 12 months - please refer to the terms and conditions for what this covers.

We also keep replacement keys and offer replacement locks for all Armorgard products up to five years old. To get a replacement key, all you'll need is the distributor you purchased from, proof of purchase and your product's serial number, which can be found on the data plate of every product.

Do not force entry into the product, as this could affect the warranty. Always contact us if you require a replacement lock or key.

Please note that the unit should only be used as supplied and detailed in this manual. No adjustments, alterations, or changes should be made to the unit without prior written consent from Armorgard. Armorgard accepts no liability for unauthorised modifications made to the unit which may damage or cause compromised operation of the unit and will breach our terms of use and warranty policies.

Spare parts

Replacement keys

Crane lifting eyes

Replacement deadlocks

Door handle

Other spare parts available. Please get in touch for more information.

For additional support and easy access to spare or replacement parts, register your product following the QR code:

Daily inspection & maintenance

Area	Item	(tick)	Comments	Date/time
Exterior	Visible damage			
	Condition of exterior walls			
Roof	Visible damage or leaks			
	Lifting eyes			
Interior walls	Visible damage			
	Clear of debris			
Doors	Operation			
	Locks			
Electrical system	Lights			
	RCD sockets			
	External alarm system			
	SP21 connector (if in use)			
Ventilation system	Clear of debris			
	Operation			
Floor	Spills/waste			
Fire suppression system	Visible damage			
	Visual check of electrical connections (damage, loose cables etc.)			
Additional comments:				

Electrical testing

Continuity	Measurements	QC1	QC2
E/E			
L/L			
N/N			

Insulation	Measurements	QC1	QC2
L/N			
L/E			
N/E			

	Measurements	QC1	QC2
Earth to frame			

	Measurements	QC1	QC2
RCD function			

Authorised signature 1: Date:

Authorised signature 2: Date:

Version 151225

Scan the QR code to access and download additional print-out copies of the daily inspection sheet:

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