KINCROME

PROFESSIONAL QUALITY TOOLS

MULTI FUNCTION POWER PAK PLUS

JUMP START UP TO **V8** PETROL & DIESEL

600A PEAK CURRENT

RECHARGE USB POWER TOOLS TABLETS LAPTOPS MOBILE PHONES

RECHARGE DEVICES ON-SITE

VEHICLE **JUMP** STARTER



KP1404
ED2 (June 15)

KINCROME
PROFESSIONAL QUALITY TOOLS

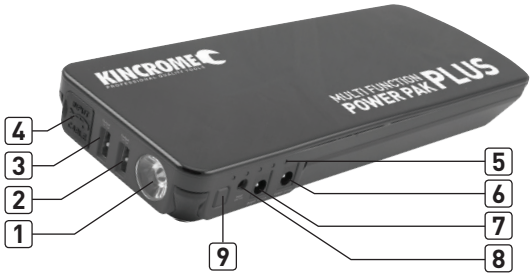
POWER PAK PLUS

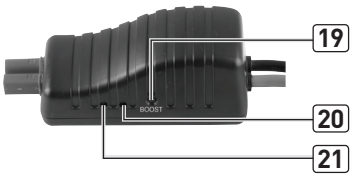
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Know your product

1. LED Torch / Emergency Light
2. USB 5V 1A Output Port
3. USB 5V 2A Output Port
4. Jump Start Cable Port
5. Battery Charge LED Indicators
6. 12V DC 10A Output Port
7. 19V DC 3.5A Output Port
8. 14V DC 1A Input Charging Port
9. ON / OFF / TEST Button
10. 240V AC Charger
11. 12V DC Car Charger
12. Positive Battery Clamp (+) RED
13. Negative Battery Clamp (-) Black
14. INTELLI-CHECK Jumper Cable
15. Laptop Charger Adaptors
16. Multi Purpose Accessory Cable
17. Electronic Device Charging Cable
18. 12V DC Female Adaptor
19. BOOST Button
20. Correct Connect LED
21. Reverse Polarity LED





INTELLI-CHECK Jumper Cable

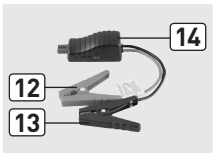
- Reverse Polarity Check
- Anti-recharge Protection
- Short Circuit Protection
- Over Discharge Protection
- Surge Protection















SPECIFICATION

Size :	230 x 87 x 27mm
Weight :	615g
Battery Capacity :	22.2Wh (6100mAh)
Battery Cells :	3
Output :	5V⎓1A, 5V⎓2A, 12V⎓10A, 19V⎓3.5A
Input :	14V⎓1A
Full Charging Time :	Approx. 7-9 Hours
Starting Current :	300A
Peak Current :	600A
Operating Temperature :	-20˚C ~ 60˚C (4˚F ~ 140˚F)
Lifetime :	<1000 cycles

General Safety Warnings

Save all warnings and instructions for future reference.

WARNING! Read all safety warnings and all instructions.
Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Electrical Safety

A) Charger plugs must match the outlet. Never modify the plug in any way.
Do not use any adapter plugs that are earthed (grounded). Unmodified plugs and matching outlets will reduce risk of electric shock.

B) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.
There is an increased risk of electric shock if your body is earthed or grounded.

C) Do not expose the POWER PAK PLUS to rain or wet conditions.
Water entering the POWER PAK PLUS will increase the risk of electric shock.

D) Do not abuse the cords. Never use the cord for carrying, pulling or unplugging the charger.
Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

E) If operating a charger in a damp location is unavoidable, use a residual current device (RCD) protected supply.
Use of an RCD reduces the risk of electric shock.

F) Do not operate powered products in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
Powered products create sparks which may ignite the dust or fumes.

G) Keep children and bystanders away while operating any powered products.
Distractions can lead to injury of yourself or the bystanders.

H) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another.
Shorting the battery terminals together may cause burns or a fire.

I) This appliance is not intended for use by persons (including children) with reduced physical sensors or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety.

J) Children should be supervised to ensure they do not play with the appliance.

K) Always take care when using this appliance.

Additional Safety Instructions for Batteries and Chargers

- Do not modify or take the battery pack (POWER PAK PLUS) apart, re-assemble, repair battery or charger to avoid breaking or damaging of the components.
- Do not place or allow the Lithium-Ion battery to come into contact with water, fire or high-temperature environments.
- Do not puncture, damage or deform the lithium-ion battery.
- Do not allow the + /- terminals of the battery to come in contact with each other as this could cause a short circuit of the battery.
- Do not store in locations where the temperature may exceed 70 °C.
- Charge only at ambient temperatures between -20 °C and 60 °C.
- Charge only using the charger provided with the product.
- Do not attempt to charge damaged batteries.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, flush with water and seek medical attention. Liquid ejected from the battery may cause irritation or burns.
- Use powered products only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- Dispose of batteries in accordance with your local council regulations.

General Safety Warning (Cont.)

Chargers

- Use your Kincrome charger only to charge the battery in the POWER PAK PLUS with which it was supplied. Using a charger not designed for the battery it was intended for could cause battery failure, potentially leading to personal injury and damage.
- Never attempt to charge non-rechargeable batteries.
- Have defective cords replaced immediately.
- Do not expose the charger to water.
- Do not open the charger.

Labels on Tool

The following symbols are shown on the tool:



Your charger is double insulated; therefore no earth wire is required. Always check that the mains voltage corresponds to the voltage on the rating plate. Never attempt to replace the charger unit with a regular mains plug.



The Charger is intended for indoor use only.



Read the instruction manual before use.



Warning



N3709

EMC (Electromagnetic Compliance) mark.



Dispose of battery as per local government requirements.



Risk of explosion



Energy efficiency rating

Jump Starter Care and Charging

Important Notice

- If the 240V AC charger (10) supplied is damaged, it must be replaced by the manufacturer or an authorised Kincrome service agent or similarly qualified persons in order to avoid a hazard.
- When installing or removing the charger connector plugs please hold the connectors firmly.
- Don't stretch the wire or damage can occur to the cables & clamps plugs.

Note: For optimal performance, charge the POWER PAK PLUS every 3-6 months and keep the POWER PAK PLUS stored in a cool dry environment to extend the life of your product.

Charging the POWER PAK PLUS Battery

Note: Charge the POWER PAK PLUS whenever the battery charge LED indicators (5) are illuminated with 2 or less bars. It is also recommended to charge the POWER PAK PLUS periodically (approx. every 3-6 months) to keep the POWER PAK PLUS in optimal operating condition.

To check the batteries level of charge Press the ON/OFF/TEST (9) and refer to the below chart (fig1) to confirm charge status of the Multi-Function POWER PAK PLUS.

Battery Charge Indicator (5)	Unlit LED's	5 Flashing LED's	1 Illuminated LED	2 Illuminated LED's	3 Illuminated LED's	4 Illuminated LED's	5 Illuminated LED's
Battery Charge Condition	0%	10%	20%	40%	60%	80%	100%

Charging with the 240V AC Charger

1. To charge the POWER PAK PLUS with the 240V AC battery charger (10) locate the charger lead/adaptor on the end of the charging cable of the 240V AC charger (10), & plug into the POWER PAK PLUS 14V DC 1A input charging port (8) (fig1).
2. Then plug the 240V AC adaptor (10) into your wall socket and turn ON the mains power. When the POWER PAK PLUS is ON charge the battery charge LED indicators (5) on the POWER PAK PLUS will illuminate and flash (ON/OFF) BLUE. During the charge sequence each LED indicator will flash (ON/OFF) until each and every battery charge LED indicator (5) stops flashing and illuminates a solid BLUE. When the POWER PAK PLUS is fully charged the battery charge indicators (5) on the POWER PAK PLUS will no longer illuminate.



(fig 1)

Charging with the 12V DC Car Charger

1. To charge the POWER PAK PLUS with the 12V DC car charger (11) locate the 12V charger lead/adaptor on the end of the 12V DC car charger (11) charging cable & plug into the POWER PAK PLUS 14V DC 1A input charging port (8) (fig2).
2. Then plug the 12V DC car charger (11) into your 12V DC vehicle accessory socket located within your vehicle (refer to your vehicles instruction manual for the location of your 12V DC accessory sockets). When the POWER PAK PLUS is on charge the battery charge LED indicators (5) will illuminate and flash (ON/OFF) BLUE. During the charge sequence each LED indicator will flash (ON/OFF) until each and every battery charge LED indicator (5) stops flashing and illuminate BLUE. When the POWER PAK PLUS is fully charged the battery charge indicators (5) on the POWER PAK PLUS will no longer illuminate.



(fig 2)

Charging the POWER PAK PLUS Battery (Cont.)

- **240V AC Battery Charger (10)** - Once fully charged the 240V AC charger (10) can be left connected to the POWER PAK PLUS as the chargers will perform a maintenance charge.

Caution: It is recommended that the 240V AC battery charger (10) be turned off within 48 hours after charging has completed to save electricity.

- **12V DC Car Charger (11)** - It is not recommended to leave the POWER PAK PLUS connected to your vehicles 12V output source for extended periods of time as this could potentially drain your vehicles battery.

Note: If the POWER PAK PLUS jump starter will not turn ON, the current overload or low voltage protection may have activated. To reset the jump starter you must connect the supplied 240V AC charger (10) to your mains power, then connect the charger lead to the 14V 1A **input source** & turn ON the mains power. This will reset the POWER PAK PLUS jump starter and should now function as normal.

Jump Starter Operation

POWER PAK PLUS Pre-Operation Check

Caution: Before using the POWER PAK PLUS ensure your vehicle battery has a CCA rating of 600CCA or less.

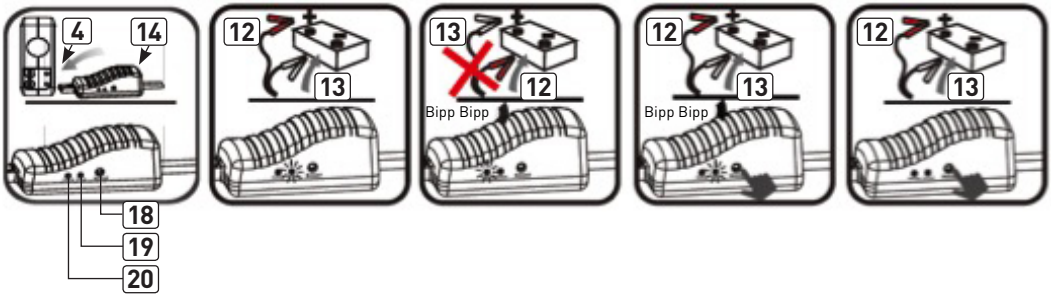
Trying to start any vehicle with a battery rated greater than 600CCA could cause damage to the POWER PAK PLUS and void the product warranty.

Note: Refer to your vehicles instruction manual for "connection of jumper cables" as some vehicles have specific connection requirements.

- Follow the below instructions when your vehicle will not start due to a low voltage flat, damaged or low temperature battery.
- Ensure the battery charge LED indicators (5) are illuminated with a minimum 3 BLUE LED's before trying to jumpstart your vehicle.
- Do not attempt to jumpstart your vehicle if the battery charge LED indicators (5) are illuminated with less than 3 BLUE LED's.
- If the battery charge LED indicators (5) are showing 2 or less illuminated BLUE LED's recharge the POWER PAK PLUS as specified in "Charging the POWER PAK PLUS Battery".
- Do not touch or connect the jump starter positive battery clamp (+ RED) (12) to the negative (- BLACK) (13) battery clamp at any stage.
- Connecting the battery clamps (12 &13) together may lead to damage of the POWER PAK PLUS and/or vehicles battery and could be dangerous.
- Always ensure you connect the jump starter clamps to the correct battery terminals, connect the positive battery clamp (+ RED) (12) to the positive terminal (+ RED) of your vehicles battery and the negative battery clamp (- BLACK) (13) to the negative terminal (- BLACK) of your vehicles battery otherwise you may cause damage to the POWER PAK PLUS or your vehicle battery.
- Always check that the jump starter clamps (12 & 13) have a good connection to the vehicle battery terminals.
- Check that the vehicle battery terminals are free of corrosion and are clean to ensure a positive connection of the POWER PAK PLUS.
- Do not try to restart the vehicle after 3 consecutive starting attempts otherwise you may cause damage to the POWER PAK PLUS. Check your vehicle for other possible reasons prior to trying to start your vehicle again.

POWER PAK PLUS Pre-Operation Check (Cont.)

The POWER PAK PLUS is fitted with INTELLI-CHECK jumper cables. Familiarize yourself with the features of the INTELLI-CHECK as per below once connected to your vehicles battery.



INTELLI-CHECK LED / Noise and Button Indicators

Note: Do Not press the "BOOST" Button prior to connecting the jumper cables to your vehicle.

Note: Once the POWER PAK PLUS is connected to your vehicles battery the below indications may be experienced or buttons used when needed.

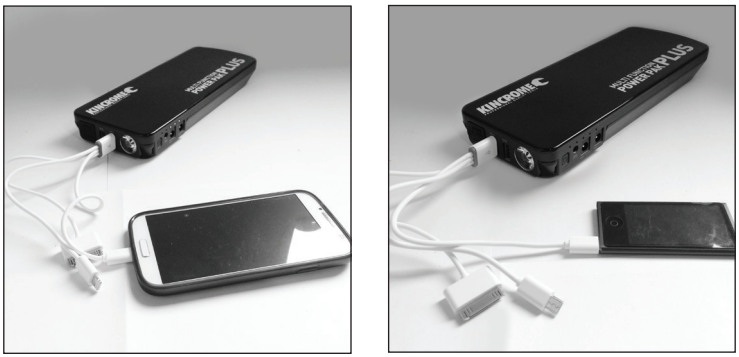
- **GREEN LED Illuminated (Correct Connection LED):** Indicating that the jumper cable connections are correct and the circuit is working and ready for use, you can turn the engine ignition key to jump-start the vehicle.
- **RED LED Illuminated (Reverse Polarity LED) with buzzing:** Indicating that the jumper cable connections are incorrect (wrong) and buzzing to alarm the user to disconnect the battery clamps and re-correct the clamps correctly.
- **GREEN LED (Correct Connection LED) flashing with buzzing:** Informing the user the vehicle battery is low, press the "BOOST button, wait for the GREEN LED to illuminate then turn the engine ignition key within 30s.
- **NO LED's Illuminated , No buzzing:** Indicates the vehicle's battery maybe damaged or the jumper cables may have a bad connection to the vehicles battery terminals, Check the jumper cable connections to confirm a positive connection then, press the "BOOST" button, wait for the GREEN LED to illuminate.Then you can turn the engine ignition key to jump-start the vehicle.

POWER PAK PLUS Jump Starter Operation

1. Press the ON/OFF/TEST button (9) and ensure that the POWER PAK PLUS battery charge LED indicators (5) are illuminated with a minimum 3 BLUE LED's.
2. Connect the BLUE connector plug located on the end of the INTELLI-CHECK jumper cable (14) into the jump start cable port (4).
3. Ensure that the BLUE connector plug is firmly pushed into the jump starter cable port (4) for a positive connection and ensure that the LED's on the INTELLI-CHECK jumper cable (14) are NOT illuminated.
   Note: Failing to securely locate the BLUE connector plug could result in a reduced electrical contact causing the plug to melt or deform.
4. Connect the POWER PAK PLUS INTELLI-CHECK jumper cable clamps to the vehicles battery terminals correctly, connect the positive battery clamp (+ RED) (12) to the positive terminal (+ RED) of your vehicles battery and the negative battery clamp (- BLACK) (13) to the negative terminal (- BLACK) of your vehicles battery
5. Turn your ignition key to start the vehicle.
   Note: If your vehicle does not start wait for approx. 10 seconds and repeat steps 1-5.
6. When the vehicle has started, disconnect the POWER PAK PLUS jump starter clamps from the vehicle battery within 30 Seconds, starting with the negative battery clamp (- BLACK) (13) first and then the positive battery clamp (+ RED) (12).
7. After disconnecting the POWER PAK PLUS jumper cables (12) & (13), leave the vehicle's engine running to recharge the battery.
   Caution: Do not leave your vehicle unattended at any time.

Charging your Electronic Devices (Phone, Tablet, iPod etc.)

1. Connect the electronic device charging cable (17) into the USB 5VDC – 1A (2) or USB 5VDC- 2A (3) output ports.
2. Choose the correct electronic device adaptor located on the end of the electronic device charging cable (17) from the choice of 3 most common available device adaptors provided with your POWER PAK PLUS kit.
3. Connect your chosen charging device adaptor into the appropriate charging input of your electronic device (fig 3).
4. Turn on the POWER PAK PLUS by pressing the ON/OFF/TEST button (9).
   Your device will begin charging. Once your device is fully charged remove the charging adaptors and leads from your device and the POWER PAK PLUS.



(fig 3)

Charging your Laptop

Note: Ensure that the laptop is switched off and closed during the charging process as sometimes the laptops current draw when in operation can trip the 19VDC -3.5A output ports (7) over current protection circuit.

Tripping the over current protection circuit will turn off the POWER PAK PLUS temporarily.

1. Connect the multi-purpose accessory cable (16) into the 19VDC 3.5A output port (7).
2. Choose the correct laptop charger adaptor (15) from the choice of 8 available adaptors provided with your POWER PAK PLUS kit and plug the adaptor onto the end of the multi-purpose accessory cable (15).
3. Connect your chosen charging adaptor into the appropriate charging input of your laptop (fig4).
4. Turn POWER PAK PLUS ON the by pressing the ON/OFF/TEST button (9). Your device will begin charging. Once your device is charged remove the charging adaptors and leads from your device and the POWER PAK PLUS.



(fig 4)

Power Supply for Your 12V DC Products

1. Connect the multi-purpose accessory cable (16) or 12V DC female adaptor (18) into the 12VDC 10A output port (6).
2. Connect the other end of the multi-purpose accessory cable (16) or 12V DC female adaptor (18) into your chosen 12V vehicle accessory (fig5).
3. Turn the POWER PAK PLUS ON the by pressing the ON/OFF/TEST button (9).
4. Once you have finished using your 12V accessory remove the multi-purpose accessory cable (16) or 12V DC female adaptor (18) from your accessory and the POWER PAK PLUS.
   Note: Running of the your device will very depending on the devices input requirements & charge status of the POWER PAK PLUS.



(fig 5)

LED Torch Emergency Light

1. Press and hold the ON/OFF/TEST button (9) for approx. 3 seconds to turn ON the LED torch/emergency light (1).
2. To change the LED torch/emergency light (1) mode from torch to STROBE LED mode press the ON/OFF/TEST Button (9) once again, and finally for SOS LED mode press the ON/OFF/TEST Button (9).
3. Turn OFF the LED torch/emergency light (1) feature by pressing the ON/OFF/TEST Button (9) again.

Composition and amount of toxic and harmful substance in POWER PAK PLUS					
Pb	**Hg**	**Cd**	**Cr(Vi)**	**PBB**	**PBDE**
O	O	O	O	O	O

O : Indicate all homogeneous materials hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC (RoHs).

Frequently Asked Questions

Q. How do I turn ON the POWER PAK PLUS?

A. Press the ON/OFF/TEST Button (9).

Q. How do I turn OFF the multi-function POWER PAK PLUS ?

A. The POWER PAK PLUS will turn Off automatically when no load is experienced (approx. 3-4min) or the battery charge has completed.

Q. How many times can the POWER PAK PLUS re-charge my mobile phone?

A. The POWER PAK PLUS can recharge your mobile phone Approx. 5-6 times for an iPhone 4/5/6.
The quantity of re-charges for other mobile devices could vary depending on the product and its battery capacity, also how charged the POWER PAK PLUS is at the time.

Q. How long will the POWER PAK PLUS take to re-charge my mobile phone?

A. The POWER PAK PLUS can recharge your IPhone 4/5/6 mobile phone in Approx. 1 hour. Other mobile devices could take longer depending on the product and its battery capacity.

Q. How long will the POWER PAK PLUS take to re-charge my laptop?

A. The POWER PAK PLUS can recharge a laptop battery up to 70-100% in Approx. 1 hour depending on the product and battery capacity.

Q. How many times can the POWER PAK PLUS jump start my vehicle if the battery is fully charged?

A. The POWER PAK PLUS can deliver approx. 50 starts on a fully charged battery but varies depending on the vehicles starting requirements.

Q. How long will a fully charged POWER PAK PLUS battery remain charged sitting in my vehicle?

A. The POWER PAK PLUS battery can remain fully charged for up to 6-8 months. The internal temperature of your vehicle can affect the battery charge time so it is recommended to periodically check or recharge the POWER PAK PLUS battery every 3-6 months to ensure it is in optimal working condition.

Troubleshooting

The POWER PAK PLUS is supported with a current overload feature. This can be triggered when the current load applied to the POWER PAK PLUS has exceeded the products specification.

Symptom Experienced

- The POWER PAK PLUS is fully charged however it will not start the vehicle.
- The POWER PAK PLUS is fully charged however the battery charge LED indicators (5) will not illuminate and the vehicle will not start.

Resetting The Current Overload

To reset the current overload feature you **MUST** connect the 240V AC charger (10) to the 14V DC 1A input charging port (8) and turn on the mains power of your power socket. This will reset the current overload feature of your POWER PAK PLUS and you can restart your vehicle.

Troubleshooting (Cont.)

PROBLEM	CAUSES	SOLUTIONS
The POWER PAK PLUS battery charge LED indicators (5) are showing 5 illuminated LED's , but will not start the vehicle or charge any device.	During extended periods of non use or extreme temperatures the POWER PAK PLUS could loose charge of up 40%, but the unit may display a full charge.	Recharge the POWER PAK PLUS using the 240V AC charger (10) or 12V DC car charger (11).
No response when pressing the ON/ OFF/TEST Button (9) of the POWER PAK PLUS.	The low voltage protection circuit within the POWER PAK PLUS has initiated.	Recharge the POWER PAK PLUS using the 240V AC charger (10) or 12V DC car charger (11).
The POWER PAK PLUS is hot to touch when charging laptop batteries.	The charging current of the laptop could be a maximum capacity (3.5A)	Remove the battery from your laptop and use the POWER PAK PLUS to power your laptop directly or disconnect the POWER PAK PLUS and allow the battery to cool down . Once cool reconnect the POWER PAK PLUS and recharge your laptop battery.

Included	Qty	Included	Qty
POWER PAK PLUS	1	240V AC Charger (10)	1
Multi Purpose Accessory Cable (16)	1	12V DC Car Charger (11)	1
Electronic Device Charging Cable (17)	1	INTELLI-CHECK Jumper Cables (14)	1
Laptop Charger Adaptors 8pcs (15)	1	Instruction Manual	1
12V DC Female Adaptor (18)	1	POWER PAK PLUS Carry Case	1

Spare Parts

- Multi-Purpose Accessory Cable (16) KP1401-1
- Electronic Device Adaptor Cable (17) KP1401-2
- Laptop Charger Adaptors (8pce Set) (15) KP1401-3
- 240V AC Charger (10) KP1402-1
- 12V DC Car Charger (11) KP1401-5
- INTELLI-CHECK Jumper Cables (14) KP1404-1
- 12V DC Female Adaptor (18) KP1400-1

12 MONTH WARRANTY

Warranty

Warranty given by Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528). The applicable warranty period (12 months) commences on the date that the product is purchased. If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can, at your cost, send the product to place of purchase, an authorised Kincrome service agent or one of Kincromes addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For further details please visit www.kincrome.com.au or call us. Due to minor changes in design or manufacture, the product you purchase may sometimes differ from the one shown on the packaging.

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