



AUSSIE RECHARGEABLE IRONS

Cordless Soldering Irons

Frequently Asked Questions

FAQs

About Aussie Rechargeable Irons (ARI)

Aussie Rechargeable Irons is an Australian based company specialising in the manufacture of rechargeable battery powered cordless soldering irons.

ARI founders Brett and Terry's unique innovative design for the **first rechargeable cordless soldering iron on the market** was borne out of frustration with using the widely available butane soldering irons.

The disadvantages of butane soldering irons include:

- clunky to use
- slow to heat up
- can be difficult to ignite
- limited use in some industries (eg: mining where gas is prohibited)
- difficult to use in high wind & wet environments that may extinguish the flame
- can run out of gas halfway through a job
- can be difficult to obtain replacement gas canisters in remote locations for field work

Why choose an ARI cordless soldering iron?

ARI's rechargeable soldering irons eliminates all the issues normally experienced with butane type irons.

The best features of switching to an ARI rechargeable soldering iron include:

- recharge anywhere - never run out of gas
- no fuel, no flame, no combustion, no leaks
- powered by high current lithium ion batteries with built in PCM protection.
- full recharge in 2-3 hours
- can last for weeks on a single charge (*dependent on use*)
- small size with enough heat to solder 10AWG (6mm) wire
- powder coated and rugged 6061 grade aluminium body with knurled grip - built ultra tough for years of hard use
- safe for air travel with element tip detached

Who can benefit from using ARI's cordless soldering irons?

Without the limitations of butane type irons, ARI's cordless soldering irons are perfect for **telcos, security companies, auto electricians, car stereo installers, mechanical workshops, panel beating shops, taxi companies and trucking companies**, just to name a few.

What type of batteries are used in ARI irons?

For superior performance and maximum service life, ARI uses the best quality Japanese Lithium Ion cells available.

How long does it take to heat up enough to solder?

Depending on the wire diameter, hold the switch for between 4 and 7 seconds.

How do ARI irons get so hot so quickly?

The combination of Lithium Ion battery power and the copper core element in the soldering tips means the energy is directed straight to where it's needed; at the tip.

This is in contrast to butane irons that slowly heat up from the base, with the thermal energy slowly travelling up to the tip.

Can I use an ARI iron in enclosed spaces?

Yes. Unlike butane powered irons there are no fumes or contaminants emitted from an ARI iron.

Are the tips interchangeable between different ARI models?

The soldering tips come in standard sizes and are compatible with all ARI iron models and therefore fully interchangeable. Further tip sizes are also available (sold separately).

Why doesn't the switch stay on?

This safety feature ensures the iron will not accidentally be left on. The push button allows you to regulate the heat needed and save battery life for extended use between charges.

Only heat the tip when ready to solder to avoid over heating and damaging the tip.

What is the typical runtime of an ARI iron?

This will depend on how often and how long you solder. For general use approximately one month. For heavy duty use approximately one week.

What charger is suitable for an ARI iron?

Only use the lithium ion (Lilon) charger that came with your ARI iron. Contact your place of purchase if you require a spare or replacement. 12VDC car chargers are also available as an optional extra.

How long for a full charge?

A minimum of 2 hours is needed for a full charge using the supplied 240VAC charger.

Can I leave the charger plugged into an ARI iron?

Yes. The on-board PCM regulates charging and over heating, with auto shut off upon charge completion.

Do I need to recharge the iron if it is not in use (in storage) for a length of time?

Yes. ARI irons should be recharged before storage and every 2-3 months thereafter to maintain optimal battery life. Do not store in a discharged state.

Are ARI irons Australian made?

Yes. ARI rechargeable irons are completely manufactured in Sydney, Australia by an Australian owned company. Some parts such as the batteries, switches and tips are sourced from trusted suppliers but everything else is 'home grown'.

What is the warranty for ARI irons?

2 years for the body, 1 year for the batteries, 90 days for the tips. Please hold onto your proof of purchase.

What can I do once the battery life begins to decline?

Send it back to your place of purchase and they can organise for a refurbishment with fresh batteries of the same quality or better so your iron is as good as new.

Can I refurbish the batteries myself?

No, we do not recommend refurbishing the batteries yourself. This is because ARI uses premium quality lithium ion cells with integrated PCM protection which is essential for safe operation.

We have the facilities and expertise to test and ensure your iron will be returned to you in safe, working order. Tampering, opening, removing parts or otherwise modifying your iron will void your warranty.

Want to know more?

Visit our website www.aussieirons.com.au or call (02) 9519 1200.