

# NEWSLETTER



Extending your battery life is easier than you think.



## How Many Good Battery Habits Do You Really Have?

Batteries are rarely talked about - until they're drained - then we'll tell everyone as we beg desperately for a charger, hoping to get enough juice to last the day. The truth is, they're a miracle of engineering that gets taken for granted when full and cursed when flat. If it feels like your battery is running out faster, you might be right.

But it's not because of 'battery memory' and needing to be cycled (that's an older battery type called NiMh), it's because the modern LITHIUM-ION batteries in phones and laptops just simply wear out over time. Fortunately, extending your battery life is easier than you think! Which of the following GOOD battery habits do you have?

### 1. Charge whenever you can:

Lithium-ion batteries don't like being charged all the way up and then drained all the way down. No wonder, it even sounds exhausting. Give them a little charge here and there, and they'll be happy.

### 2. Leave your laptop plugged in all the time:

You can't over-charge the battery, it will just sit there waiting to be used. The laptop also helps out by cutting the flow of power when the battery registers as fully charged.

**3. Watch for overheating:** If you can, remove your laptop battery while

charging, because while it won't overcharge, it may overheat. You might also consider removing the battery if you're using your laptop plugged in all the time.

Sure, you might lose data if there's a power outage, but overheating is a far more common occurrence and it's been proven to degrade battery life considerably. Check your vents are clear with good airflow, and if necessary, help it out with a cooling laptop stand.

### 4. Leave your phone plugged in all night:

Just like your laptop, your charger knows to stop when the battery is full. Those chargers do generate heat though, so make sure you have enough airflow around both charger and phone, and never sleep with it under your pillow.

### 5. Charge batteries before storing:

If you're blessed with backup batteries, make sure to give them a half charge before storing. They'll naturally discharge and age over time, so this gives them a fighting chance to still be viable when you need them.

### 6. Keep your cool:

We know to avoid water with our phones, but we're less careful about exposing it to heat. This includes leaving it in your car all day, placing it on top of your PC, or even in a sunny spot by the window.

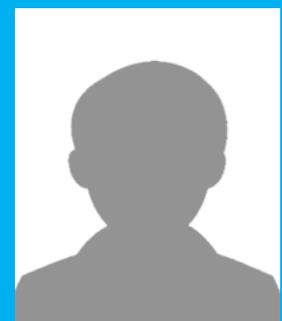
Wireless and rapid chargers can also be

an issue, as the amount of heat they generate will affect your battery.

How did you go? Is keeping your lithium-ion battery happy easier than you thought? Your battery will wear out over time, but you can push that day a few years into the future if you remember to keep it charged and keep it cool.

**Having battery issues? We can help!  
Call us at 0113 2579992**

In this issue, learn the best practices to extend the use of your lithium-ion battery. And find out why managed services works great for multiple home users.



“Our managed IT services can assess your unique needs and create the perfect solution for you.”

## 6 Brilliant Ways Managed Services Can Work For You

Wouldn't it be great to know you could access the internet from every room in the house – including the outdoor entertaining areas? How about printing wirelessly from wherever you happen to be? Many homes are embracing the flexibility of having multiple devices and users, but with each new addition come increased headaches when trying to make it all work together. They know what experience they want, but actually assembling a complex network can be like trying to juggle a live, angry octopus!

Most people don't realize just how complex their tech setup has become. Ask around and you'll discover homes commonly have 4 mobile devices, 2 tablets, a desktop or laptop, a printer...plus a smart TV, media streamer, and a games console ...ALL of which need access to the same secure internet connection, backup systems, and protection from digital threats. Yikes!

While businesses immediately default to calling in the tech experts to make sure their system works exactly the way they need it to, residential users haven't had that option - until now. Our managed IT services can assess your unique needs and create the perfect solution for you –everything working the way you want and within budget.



Using managed residential services has the added benefit of providing one, predictable bill for every part of your technology services, including:

**Advice and setup:** Our experts love to talk tech and can help you make product decisions, plan and create your ideal network environment – building in all the parental controls and security your unique situation needs. They'll even help educate your family on best practices, cyber safety, and common threats.

**Remote support:** Save time and energy if something goes wrong, our experts can securely log in to remotely diagnose and repair many issues – just let us know and we'll take care of it.

**Backup:** You'll never have to worry about losing all your personal files, photos, video and music if your device is broken or stolen. Our experts will make sure everything that's important to you is backed up regularly.

**Maintenance:** While your devices are pretty durable, they still need regular maintenance and cleaning. This extends the life of your device greatly and has the added benefit of making it run like new again.

**Security:** Every device under your managed IT plan will be automatically monitored for security issues and updated regularly. Our tech experts will ensure your network is secure, protecting you and your family on autopilot.

**Cloud:** We'll make sure you have access to all your files, no matter which device you're on, giving you true digital flexibility and (a safeguard against forgetting homework!).

With new connected devices finding their way into homes each year, it's more important than ever to ensure your network can grow easily, with security at all levels. Remember, it only takes one unprotected device to let the malware in, even something as innocent as a remote-activated lightbulb! Our managed IT services will free you from worrying about security and maintenance, while at the same time giving you the performance and flexibility your family needs.

**Find out how Managed IT Services can help you by calling us at 0113 2579992!**

 **Emerald ICT**  
Complete Computer Solution

Unit 39g, Springfield  
Bagley Lane  
Farsley, Leeds LS28 5LY  
0113 2579992  
[info@emeraldict.co.uk](mailto:info@emeraldict.co.uk)  
[www.emeraldict.co.uk](http://www.emeraldict.co.uk)