

Extra Lithium-Ion Tool Battery Packs

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Electrical & Power

Extra lithium-ion battery packs keep cordless tools working through the lesson without waiting for charges, in the same platform and capacity to match the tools. A stock of spares with proper charging and storage turns a small cordless set into a whole-class resource.

Key Features

- Same voltage as the tool platform
- Capacities from 2 to 8 Ah
- Fuel gauges and thermal protection
- Interchangeable across the brand range
- Replacement cells assembled with protection

Typical Uses in the Workshop

- Swap batteries between student groups
- Keep saws, drills and drivers working
- Provide power for long outdoor tasks
- Keep battery stock for event days

Safe Operation

1. Charge fully before first use
2. Swap batteries at a convenient point
3. Do not run tools until total exhaustion
4. Store batteries at 30-60% charge long term
5. Group identical batteries for rotation

SAFETY NOTES

- Buy genuine or certified packs for the platform
- Never charge unattended overnight
- Keep batteries dry and away from heat
- Check for swelling and dispose of damaged packs
- Store spares in a fire-retardant box

Maintenance & Consumables

- Clean contacts regularly
- Charge and discharge in rotation
- Check capacity yearly
- Label packs with their year
- Dispose of old packs at recycling points

Specification & Buying Notes

Buy 2 extra packs per tool plus one per class set for rotation. Match capacity to usage - high-capacity packs run saws. Genuine packs protect the tools and the warranty.