USER GUIDE

# USB-C CHARGING ADAPTER FOR SHIMANO DI2 12-SPEED

4 g adapter that plugs into the charging port of a Shimano Di2 12-speed drivetrain and takes any USB-C cable: wall charger, computer, power bank or car adapter. Blue LED while charging, lanyard to keep it with the bike. Connection, safety and troubleshooting.

**SHIMANO DI2 12-SPEED** · USB-C, CHARGING LED · NYLON AND COPPER, 4 G



01 · GETTING STARTED

## COMPATIBILITY, CONNECTION, SAFETY

### In the box

- The USB-C charging adapter, with its black lanyard.
- You need a USB-C cable and a USB source: wall charger, computer, power bank or car adapter.

### Compatible groupsets

Dura-Ace R9270 and R9250, Ultegra R8170 and R8150, 105 R7170, GRX RX825, and the R9200P and R8100P power meter cranksets. Not 11-speed Di2 groupsets.

### Charging, step by step

1. **Check the charging port** on the rear derailleur, or on the power meter crankset: clean and dry. Blow or wipe the four contacts if needed.
2. **Plug the adapter in** on the port, the right way round, fully home but without forcing: the spring contacts make the connection. If it resists, remove it and try it the other way.
3. **Connect it to the USB source** with a USB-C cable. The blue LED comes on: charging is under way.
4. **Let it charge** until the LED goes out, which signals that charging is complete. The exact level is shown in the Shimano E-Tube app.
5. **Unplug** the cable, then the adapter, without pulling on the cable. Refit the port cover if there is one, and store the adapter dry.

### Specifications

| | | | |
|---|---|---|---|
| Compatibility | **Shimano Di2 12-speed** | Port | **USB-C** |
| LED | **Solid blue: charging; off: charge complete** | Material | **Nylon, copper contacts** |
| Size | **23.5 × 20 × 15.5 mm** | Weight | **4 g** |

**ELECTRICAL SAFETY**

- Charge in a dry, sheltered place: never in the rain or on a wet bike.
- An ordinary USB charger is enough; no fast charger or exotic adapter is needed.
- Never force a connector: the derailleur port is the most expensive part of the whole system.

02 · DAY TO DAY

# LIMITS, CARE, TROUBLESHOOTING

## What the adapter does not do

- It does not replace the battery and does not extend its range: it simply links the charging port to a USB-C cable.
- It is not suitable for 11-speed Di2 groupsets, which charge through a different system. If in doubt, the rear derailleur code is engraved on its body.
- It carries no data: settings and updates go through the Shimano E-Tube app.

## Care

- Keep the contacts clean and dry; a wipe with a dry cloth is enough, never any liquid.
- Keep it on its lanyard in a saddle bag or jersey pocket: it travels with the bike, and a charge before a long weekend avoids a breakdown far from home.
- Do not leave it plugged into the bike between charges.

## If something goes wrong

| SYMPTOM | LIKELY CAUSE | FIX |
|---|---|---|
| LED does not come on | Adapter not fully in, dirty port, faulty cable or charger | Push it fully home; clean the port; try another cable and another source |
| LED stays off with everything connected | Battery already full | Check the level in the app |
| LED comes on then goes out quickly | Poor contact or battery nearly full | Reinsert, check the level in the app |
| LED stays on for a very long time | Weak USB source, deeply discharged battery | Change the source; give it time, the LED will go out |
| Adapter will not plug in | Wrong way round or 11-speed groupset | Try it the other way, without forcing; check the derailleur code |



*The adapter's four spring contacts meet the four pads of the charging port.*

**GOOD TO KNOW**

Light signals may vary between groupset models: the adapter LED indicates charging in progress, the exact level is shown in the Shimano E-Tube app.

## On video

Independent tutorials on charging a Di2 and checking its battery level, scan to watch.

**How to Charge Your Shimano Di2 Battery and Check Battery Status**
Dave's Cycling · English

**3 Ways to Check 12-speed Shimano Di2 Battery Levels**
BikesbyMike · English

## Need help?

**velkyne.com/contact**
Our team answers your questions about compatibility and use.