

# iBlue: Bluetooth battery module



## Battery module with integrated Bluetooth connection

The Ivium iBlue is a dual function module that consists of a battery pack module that connects to the potentiostat via USB and a dongle that plugs into the computer. Together, the battery pack module and the dongle provide a Bluetooth connection between potentiostat and PC. The iBlue has been designed specifically for use with the pocketSTAT2 and can provide enough power to operate the pocketSTAT2 for several hours of measurement.

The PC does not need a Bluetooth facility of its own: the iBlue dongle simply plugs into an available USB port and automatically connects the PC to the battery pack. It is a plug&play module that does not require any drivers to be installed, it is automatically recognized by the PC and the IviumSoft.

While the iBlue battery pack can power the pocketSTAT2, its Bluetooth connection facility can also be used in combination with other Ivium potentiostats. The iBlue does not have any data storage, so the PC will need to stay connected for the duration of the measurement.

- Plug&play Bluetooth connection: dongle is matched/paired ex-factory
- No Bluetooth facility on PC required
- Use on all single channel Ivium potentiostats:
  - Bluetooth 5, range 100m
  - Supports data rates up to 500 datapoints/s
- Module includes 4000mAh 3.7V Lithium battery for operating the pocketSTAT2:
  - Operation time idle: >7 hours
  - Operation time continuous measurements: >5 hours