

Societies are facing a growing pressure to reduce ${\rm CO_2}$ emissions and electric buses have arisen as a solution for a more sustainable form of transportation. An electric bus allows cities to go a step ahead on the sustainability path, and it is the right beginning for a greener way of transporting the world.

The QCBus Charger is a user-friendly and safe process to charge any CCS Compatible Bus with power levels ranging from 40 to 150 kW. Users only need to plug the charger to the vehicle and the charging process will start immediately. If authentication is required, the charger has an RFID card reader which will ensure only the right users have access to the charger. The TFT color display shows the charging details (time, energy and battery details). The charging cycle finishes by itself or it can be terminated by pressing the "Stop" button.

Using Efacec's more than 30 years of experience in power electronics technology, the **QCBus** charger system is safe, robust, durable, stable and environmentally friendly.



DC plug-in charging system











On board CCS controller

This unit can be used in the bus and assures interface between the charger and the vehicle CANbus, and controls the on board contactors.













