

ABSTRACT

A charging station management system includes a connection port, a remote server and a status database. The connection port is connected to at least one charging station through a network interface. The remote server is connected to the connection port for remotely managing the charging station to support an open charge point protocol service. The status database is configured to record the status of the charging station. When a fault event occurs at the charging station, the remote server receives a fault information from the charging station to update the status of the charging station, and retrieves a troubleshooting guidance information based on the fault information to support a charging station troubleshooting service.

FIG. 1