

ACES North America

EV CHARGER



OVERVIEW

The electric vehicle industry has been rapidly developing internationally due to factors such as government support. The automobile industry in China has also begun to develop a large and reputable electric vehicle market, supported by both the public and private sectors.

CHALLENGES

- ▶ Interface had to comply with GB standard
- ▶ High current transmission (had to withstand 16-63A)
- ▶ Product size miniaturization

SERVICES PERFORMED

- ▶ Customized product design
- ▶ Designed exterior with ergonomic consideration
- ▶ Added e-lock and temperature transducer so product complies with GB standard dimension requirements

RESULTS

- ▶ End customer is currently field testing
- ▶ Successfully integrated e-lock with charging stand and temperature transducer with charging coupler to increase safety performance