



ENABLING AN EXCEPTIONAL USER INTERFACE

A user interface needs to provide clear and concise information, be able to monitor and display the progress of charging and enable easy-to-use user interaction. Environmental conditions dictate that display information must remain easily viewable in all situations.

Developing and designing the EV chargers for today and tomorrow

Review Display Systems, a Volex Company, has a wealth of experience in designing and developing advanced, robust industrial systems with integrated displays that will meet and exceed the challenges of electric vehicle charging stations. RDS can supply, design and integrate all components and sub-systems for EV chargers including power management, embedded computing, displays, network connectivity, cabling and mechanical fixtures and fittings.

RDS can provide fully integrated display solutions with outstanding optical performance utilising:

- High-performance IPS TFT displays, complying with IP65 standards
- Optical bonding to enhance optical performance and increased system robustness
- Integration of optical filters including UV & IR Protection
- Up to IK10 rated Touch-Focused user interfaces
- Multi-touch capacitive and resistive touchscreens
- Complete display sub-assemblies

Now part of the global Volex Group, RDS can support both new and existing customers with an extensive range of display technology, embedded computing systems, cabling and manufacturing capabilities. From Concept to Production, RDS can provide design, development and manufacturing services for EV charging and infrastructure solutions.



RDS box build capabilities demonstration unit featured at the 2024 Power2Drive EV trade fair.

