

Power up your charging design

With engineered access solutions for
electric vehicle charging equipment



Southco's engineered access hardware, including locks, latches and hinges can help Electric Vehicle (EV) charging manufactures to achieve high standards of equipment performance, usability and security, providing a seamless charging experience for drivers.

Design Considerations for EV Charging Hardware

Whether granting maintenance personnel access to internal components or providing drivers with access to the charging plug, finding the right solutions for securing the EV charging station's various access points can be a challenge. Southco's proven access solutions can help EV charging equipment designers meet important design requirements such as:



Performance & Longevity

In areas of high use, equipment protection and lifecycle can be maximized with durable hardware tested to meet corrosion, ingress and gasket integrity standards such as:

- Concealed locks and latches that remove equipment pry points
- Multipoint latching that offers higher latch strength and compression for tall units



Safety & Security

Electronic access control plays an important role in the security of equipment operation and user safety and encourages equipment connectivity with:

- Electronic locks and latches that provide an added layer of security and protection
- Trackable access control through electronic credentials, audit trail and remote monitoring



Styling & Aesthetics

Concealed latching solutions meet design aesthetics challenges and space limitations, without compromising latch strength or performance with:

- Compact rotary latches that offer high strength for limited internal spaces
- Customizable hardware material and finishing that meets unique styling, color and brand requirements



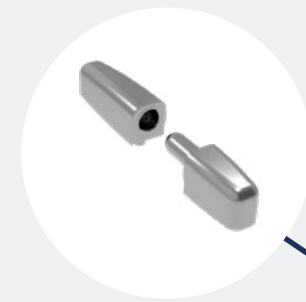
Usability & Surrounding Environment

Designers can provide a simplified user experience for charging stations in public and domestic areas while supporting reduced noise pollution with:

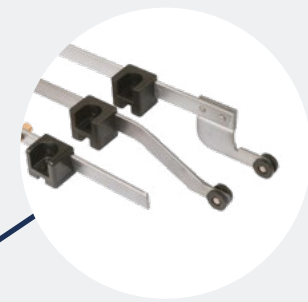
- Compression latches that eliminate vibration by sealing door gaskets to isolate noise
- Hinges with embedded positioning technology that provide reliable positioning of heavy panels and keep them securely in place

Contact a Southco expert for product selection and application support:

info@southco.com | southco.com



Surface mount lift off hinges support easy movement



Multipoint Latching/Rods prevent pry points



Concealed push-to-close latch keeps panels closed



Multipoint Swing Handle option with electronic upgrade capability



Mechanical outdoor compression latches for panel compression and security



Concealed Electronic rotary latches for added security in small spaces



Southco® is a member of the BEM Emobility Association

