

LV Series Connectors

Schaltbau enables safe high power charging of warehouse robots



Customer profile

- Company: Winar Connection, Inc., USA
- Application: Electric warehouse equipment
- Industry: Motive Power

Customer case

- Custom wire and cable expert, Winar Connection, adds value for their customers through manufacture and assembly of even the most complex cable and wire harness configurations.
- The proliferation of lithium-ion batteries across warehouse equipment has increased needs for high power charging and for charging cable assemblies.
- Due to increased frequency of charging from one time per day to multiple times per day, a high-performance connector is required to fulfill customer expectations.

Schaltbau solution

Winar Connection, Inc. relies on the LV500 and LV320/400 series charging connectors from Schaltbau because of their:

- higher current-carrying capacity, compliant with UL 1977
- minimum contact heating and continuous low contact resistance
- integrated lock function for better protection against shock, vibration and other decoupling forces that may occur under normal conditions of use
- high resistance to acids and extreme temperature ranging from -30°C ... $+130^{\circ}\text{C}$

Due to their long term reliability and modular design Schaltbau connectors generate a low total cost of ownership.



Our customers really want connectors with high amperage and low contact resistance to push power faster than ever before without building up heat, and Schaltbau's LV series does just that.

Jeff Rees
President and Co-owner
at Winar Connection