



SmartElek, A “Covers All Bases” L1/L2 Connected EVSE Receives Safety Listing

October 8, 2020, Irvine, California. SmartElek, a smart and connected 30A (Level2) and 16A (Level 1) EVSE by Smartenit, joins the short list of EVSEs certified by ETL to comply with strict UL standards. The charger wirelessly connects to the Internet of Things with virtually all popular IoT protocols available today: Zigbee, WiFi, and LTE-M/NB-IoT. A wide choice of connectivity and many intelligent features make the SmartElek a sure bet for residential, multi-dwelling and commercial large campus deployments.

Abundant connectivity, stand-alone or network load management, and over 7.5kW of power in a package that is only 3.5” x 4.5” x 2.25”, place the SmartElek ahead of its competitors for power density, reliability and value. Patent-pending load switching technology makes for extremely low stand-by power and contactor longevity.

SmartElek is a true DER device, with advanced controllability that can include electricity cost, grid demand signals, and multiple other parameters set by the user. The Smartenit App offers monitor and control from anywhere and is compatible with emerging home automation and voice control (Google, Amazon, Apple). Integration with other popular connected home platforms is ongoing.

As a DER device, SmartElek connects to existing DERMS with an open API to actively participate in DER groups (nanogrids and microgrids) in real time. Built-in Zigbee networking with autonomous load balancing and gateway fail-over, enables a cluster of EVSEs to be managed via a single WiFi point.

About Smartenit

Smartenit provides ElekNet – a complete IoT framework that integrates the full spectrum from embedded device firmware to cloud services and mobile and desktop applications for complete end-to-end solutions. ElekNet is designed to operate with and without cloud services (with a local gateway/hub) to enable mission critical operations with local or AMI networks. Smartenit is focused on practical and cost-effective solutions for energy and water in rural, urban and suburban areas. Please visit www.smartenit.com for more information.