

ALKALI CHARGER

TOTAL
WAREHOUSE



LITHIUM FAST CHARGER / CEC CERTIFIED ENERGY EFFICIENCY



THE LITHIUM CHARGING SOLUTION TO MULTI-SHIFT OPERATIONS

StanburyEE.com

SUPER FAST CHARGING

Alkali chargers are capable of 1C and faster charging rates when cell chemistry and battery assembly hardware allow - making fully recharging in an hour or less possible. Alkali model options are available with DC output up to 104 KW.



SOLID STATE DESIGN

No moving parts, no preventative maintenance, no issues with dirt and dust in the environment.

FORCE-COOLED DESIGN

Minimized cabinet size, higher output models available, most flexible parking configurations.

CEC CERTIFIED ENERGY EFFICIENCY

Stanbury chargers provide the highest peak efficiencies, total conversion efficiencies, and charge return factors, all while delivering the lowest at-rest losses.

RUGGED, BESPOKE POWER UNITS

Stanbury chargers are custom built in-house with industrial grade components to meet the specific demand of the application. Our modules are engineered to last a lifetime in even the toughest conditions.

IMMUNE TO HOT DISCONNECT

Our robust, industrial components and lightning fast gate control completely eliminate the risk of hot disconnect, providing added operator safety.

INDUSTRIES AND APPLICATIONS



Manufacturing



Warehousing



Cold Storage



Beverage



Ice Resurfacers



AGV



Cross-Docks



Distribution



GSE



Floor Scrubbers



Transportation



Mining

FUTURE-PROOF YOUR OPERATION

Stanbury's Alkali Charger is designed to adapt to whatever needs an operation may face now or in the future, and will support the transition from Lead Acid to Lithium battery use. Castellated expansion slots provide easy upgrades for a variety of communication or auxiliary control devices, such as CANbus to lithium BMS, wayside control to AGV supervisory systems, peak shaving demand response control, and many more. The Apex Controller is the future-proof solution to the continuous evolution of battery technology, vehicle fleet technology, and user operational needs.

OUTPUT VOLTAGE FLEXIBILITY

Apex allows multiple DC voltage outputs, providing flexibility to charge a mixture of different vehicle types.

COMMUNICATION FLEXIBILITY

Whatever comms platform the future may hold, the Apex controller is ready for it (RS485, CAN, PLC, etc.).

PROFILE LOGIC FLEXIBILITY

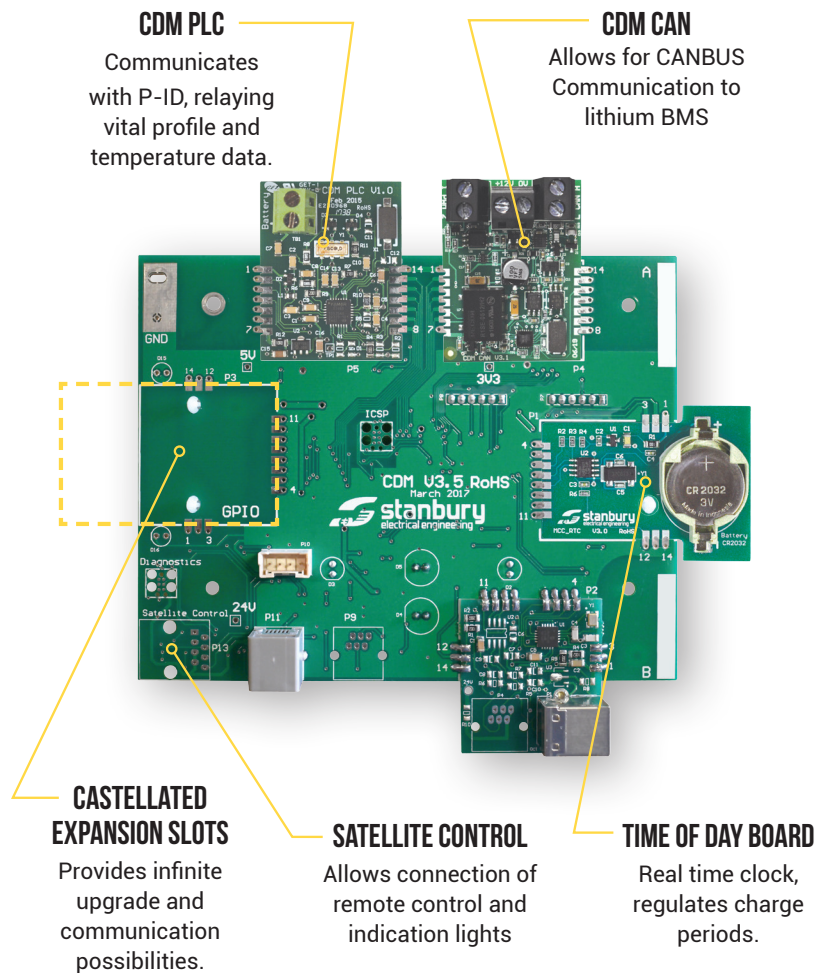
Bespoke profile options allow multiple capacity and chemistry combinations to be charged.

AUXILIARY CONTROL FLEXIBILITY

Works in tandem with any external control system.

THERMAL ADAPTATION

Provides dynamic response to battery temperature while gauging ambient temperature.



PROFILE ID (PID)

Communicates crucial data from any battery type to the Apex Controller, allowing temperature regulation and multi-voltage applications - without the need for auxiliary contacts.



Connects directly to battery terminals.

ABOUT US

With over 60 years experience in delivering motive power solutions to America, Asia, Australia, and New Zealand, we pride ourselves as specialists in this demanding, high tech area of electrical engineering. The pride we take in designing quality power electronics and continually improving these products for our customers is why the Stanbury family name has appeared on our chargers for three generations.

At Stanbury Electrical Engineering, we strive to provide the right product, at a fair price, with support and information to ensure your productivity is maximized. As the designer and manufacturer of our chargers, we commit to providing reliability, efficiency and performance to each and every customer's unique application. It is this growing expertise in product design, material handling, supply chain logistics, battery technology, and charger application that allows us to provide ideal support and solutions to keep you moving forward.

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