

Lester
ELECTRICAL

50
YEARS

Summit Series Floor Machine Battery Chargers

SUMMIT™

SERIES



Summit Series are advanced industrial switch mode (high frequency) battery chargers well suited for use with floor machines, such as scrubbers, sweepers, burnishers, and extractors. They are available with all of the DC plugs commonly found on floor machines and feature a next-generation control platform with industry-leading intelligence and features. Summit Series can be used either on-board or off-board, as a traditional shelf charger.

The heavy-duty Summit Series enclosure is sealed with an IP66, NEMA 4 rating to protect the charger from water, dust, and other environmental elements. The chargers feature natural convection cooling with no fans. Summit Series provides the superior reliability, durability, and ruggedness expected of Lester Electrical products.

- + Sealed, Watertight Enclosure
- + High Reliability and Durability
- + On-Board or Off-Board Charging
- + Best-in-Class Efficiency
- + Universal AC Input
- + Leading Charge Algorithms
- + Wet, AGM, and Gel Charge Profiles
- + Advanced Storage Modes
- + Automatic Equalize Charge Cycles
- + Field Access to Charge Cycle History
- + Lockout, Remote LED, and Battery Temperature Sensor Options

POPULAR DC CONNECTOR OPTIONS



SB50 Gray



SB175 Gray



SB50 Red



SB175 Red



Ring Terminals
with QD Lockout

Summit Series battery chargers feature energy conversion efficiencies that are among the highest in the industry. They also exceed the requirements of the California Energy Commission (CEC) efficiency regulations.

A next-generation control platform with best-in-class intelligence and features is at the heart of the Summit Series family of chargers. Industry-leading Lester Electrical charge algorithms prevent both undercharging and overcharging, optimizing both daily battery capacity and overall battery life. A Summit Series charger can be ordered configured for wet/flooded, AGM, or gel lead-acid deep-cycle batteries. The charger's communication port can be used to select and load new charge profiles in the field.

Summit Series chargers feature advanced storage modes to monitor the batteries and keep them fully charged even when your equipment is not being used for extended periods of time. The standard wet charge profiles include automatic equalize charge cycles to keep your batteries in top shape. Charge cycle history records can also be downloaded from Summit Series units in the field to aid in troubleshooting issues.

Summit Series chargers include universal AC input with an IEC inlet for use anywhere in the world. They also feature an available lockout control output that can be used to prevent machine operation during charging, as well as options for remote LEDs and a battery temperature sensor.

Due to Lester Electrical's unrivaled reputation for quality, reliability, and innovative charge algorithms, the leading floor machine manufacturers have made our company a trusted supplier for over 50 years.

Model Table

Model	DC Output Amps	Enclosure
24 Volts		
27940	25	Standard
27950	25	Heavy Duty
36 Volts		
28120	14.5	Standard
28230	21	Heavy Duty

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