

Lead Acid Range
 12V (Max. 20A)
 24V (Max. 10A)
 36V (Max. 6A)
 48V (Max. 5A)

Lithium Range
 3S ▶ 16S

Compact Metal Charger



2.6 lbs
1.2 kg

Charger Dimensions

L145 mm(5.7") x W134 mm(5.3") x H63 mm(2.5")

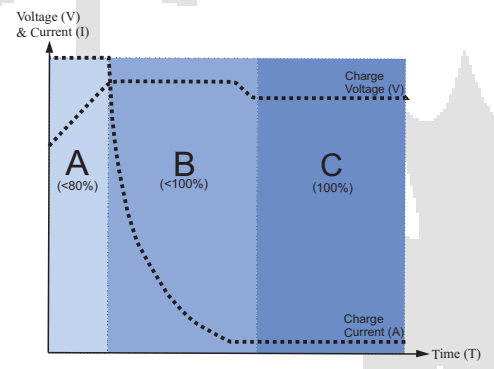
Electrical Specifications
 Input Voltage: 100-240 VAC (Worldwide)
 Frequency Range: (47-63 Hz)

Charger Features

- ▶ Compact Size
- ▶ Charges up to 12V (60-180Ah), 24V (30-90Ah), 36V (20-60Ah), 48V (20-50Ah) in 8 Hours or Less
- ▶ Latest Switch Mode Technology
- ▶ Standard interlock, High or Low inhibit features
- ▶ Reverse Polarity Protection
- ▶ Bi-Color LED
- ▶ Customized Connector (Tyco, XLR, Amp, etc.)

Charger Approvals

UL, cUL, DOE,
TUV, RoHS, BFP,
CE



Charger Characteristics

- ▶ High Reliability
- ▶ More Than 80% Efficiency
- ▶ Operates in Temperatures between 0° to 50° Celsius
- ▶ Relative Humidity 20%-90%
- ▶ Vibration Test: 1.0mm, 10-25Hz Along 15 Minutes Per Cycle for Each Axis (X, Y, Z)

★ Other Soneil Chargers are available in 12V, 24V, 36V, 48V (Ranging from 0.5A to up to 50A)

Also available:
 Traction & Deep Cycle Battery, Lithium battery Packs,
 Lithium Chargers (Standard or Custom)

STATUS	MODE	CURRENT	VOLTAGE	LED
Bulk Charge (Stage 1)	CC Mode	Rated $\pm 10\%$ Current	Increasing up to cut-off	Orange
Cell Equalization (Stage 2)	CV Mode	Decreasing to 30% of the rated current	Cut-off Volts +/- 0.3 V	Orange
Float Charge (Stage 3)	CV Mode	Maintenance Mode	Float Volts +/- 0.3V	Green
Recharging	CC Mode	Rated $\pm 10\%$ Current	Increasing	Orange