

**Lead Acid Range**  
 12V (Max. 15A)  
 24V (Max. 8A)  
 36V (Max. 5A)  
 48V (Max. 4A)

**Lithium Range**  
 3S ▶ 16S

**WI-FI INDUSTRIAL BATTERY CHARGERS**



1.4 lbs  
0.64 kg

**Charger Approvals**

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



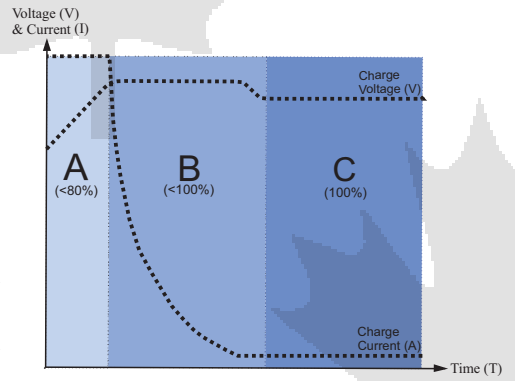
1.6 lbs  
0.73 kg

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

**Charger Features**

- ▶ Latest digital programming technology
- ▶ Build-in Wi-fi for advanced connection
- ▶ Quick programming of custom curves from 8 and up
- ▶ Curve selection through virtual dip switch
- ▶ Error code detection & LED display
- ▶ Standard interlock, high or low inhibit feature
- ▶ Data Sync on desktop or smart device
- ▶ Uploading of custom curves
- ▶ Monitor live data
- ▶ Various Protocols: LIN, CAN, IE-BUS, etc.

*Accuracy, Quality, Performance*



**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 $\pm 0.3$ V	Orange
Float Charge (Stage 3)	CV Mode	Maintenance Mode	Float Volts $\pm 0.3$ V	Green
Recharging	CC Mode	Rated $\pm 10\%$ Current	Increasing	Orange