

# Medical Standard Battery Chargers



0.8 lbs  
0.36 kg

**2403SRM**

L 120mm (4.7") x W 70mm (2.7") x H 41mm (1.6")



0.4 lbs  
0.19 kg

**2402SRM**

L 94mm (3.7") x W 47mm (1.8") x H 51mm (2.0")



3.8 lbs  
1.74 kg

**2416SRM08**

L 187mm (7.3") x W 142mm (5.6") x H 65mm (2.5")

## Charger Features

- No Fan
- Compact Size
- Charges up to 80Ah in 10 Hours or Less
- Latest Switch Mode Technology
- Standard interlock, low or high inhibit feature
- Reverse Polarity Protection
- Bi-Color LED
- Customized Connector (Tyco, XLR, Amp, etc.)

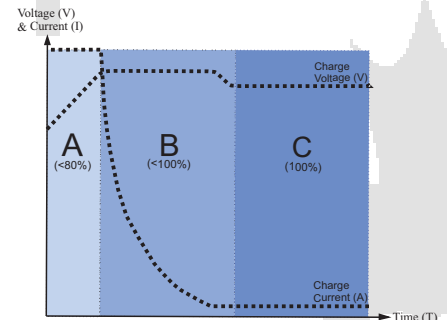


## Charger Approvals

DOE, RoHS, BFP, CE  
IEC 60601-1-3rd Edition  
EN 60601-1-3rd Edition

## Charger Characteristics

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



## Electrical Specification

Input Voltage: 100-230 V AC (Worldwide)  
Frequency Range: (47-63 Hz)

★ 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

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