

Lead Acid & Lithium Battery Charger



Type Models: 1205SR, 1206SX/RX, 1206S60CC, 1207SR, 2403SR, 2404SX/RX, CS3603SR



Lead Acid Batteries

12V(0.5A to 4A)
24V(0.5A to 2A)
36V(0.5A to 1.2A)

Lithium Batteries

3S ▶ 10S

Charger Features

- Compact Size
- Charges up to 40Ah 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.)



Electrical Specification

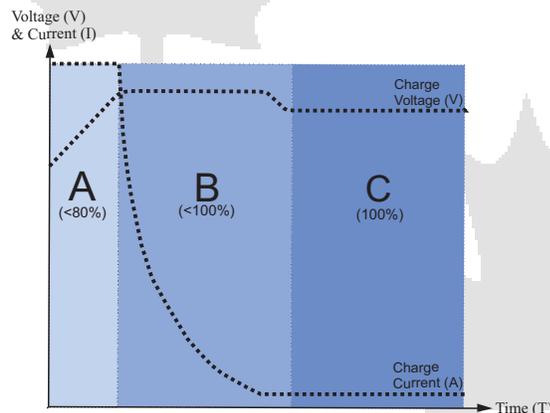
Input Voltage: 100-240 VAC (Worldwide)
Frequency Range: (47-63 Hz)

Charger Dimensions

L120 mm(4.7") x W 70 mm(2.8") x H41 mm(1.6")

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)



Charger Approvals



★ 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 ± 0.3 V	Green
Recharging	CC Mode	Rated $\pm 10\%$ Current	Increasing	Orange

Head Office

3-180 Advance Blvd., Brampton, Ontario, Canada, L6T 4J4
Tel. +1 905 565 0360, Fax +1 905 799 6821
Email: info@soneil.com

www.soneil.com

UK Office

187 Shakespeare Ave, Hayes, Middlesex UB4 0BH
Tel. +44 0 772 555 2917, Fax +44 0 208 573 6717
Email: info@soneil.com