

## Technical Specifications

It has universal input 230VAC (range 192-264VAC). It can be left connected indefinitely without harming the battery. It does De-sulfation of battery. This charger is UL, cUL (CSA), CE Listed and Meets FCC Class B; EN55022 Class B. This charger can also be used for On-board (internal) applications. This charger is very small size and very light weight.



### DC OUTPUT

Model	Rated Voltage	Max Voltage	Current	Voltage Input
<b>1205SRP</b>	12V	14.4V	1A	Dual
<b>1205SRJ</b>	12V	14.4V	3A	Dual
<b>1206S<sup>+</sup>/R<sup>**</sup></b>	12V	14.4V	3A	Single
<b>1206S CC 60<sup>+</sup></b>	12V	14.4V	3A	Dual
<b>2403SRP</b>	24V	28.8V	1A	Dual
<b>2403SRN</b>	24V	28.8V	1.5A	Dual
<b>2403SRL</b>	24V	28.8V	2A	Dual
<b>2404S<sup>+</sup>/R</b>	24V	28.8V	2A	Single
<b>CS3603SR</b>	36V	43.2V	1.2A	Dual

### AC INPUT

Voltage	100-240V ( *96-132V) ( **190-264V)
Current (Max)	1.5A
Frequency	50/60Hz

### MECHANICAL

Dimensions	115x68x40 mm (4.5x2.7x1.6 inch)
Weight	0.45 kg
DC Output Connector	1.5m (59") cord without connector (custom connector available as per customer requirement)
AC Input Connector	Standard 3-Pin IEC60320 C14 inlet mating 1.5m AC cord with plug of countries (USA, Euro, UK etc.) as required  <sup>+</sup> Direct Wired 1.5m AC cord with plug of countries (USA, Euro, UK etc.) as required

### SAFETY

Protection	Short Circuit, Reverse Polarity, Over Voltage and many more
Approvals	UL, cUL, CSA, CE, RoHS, EMC, LVD

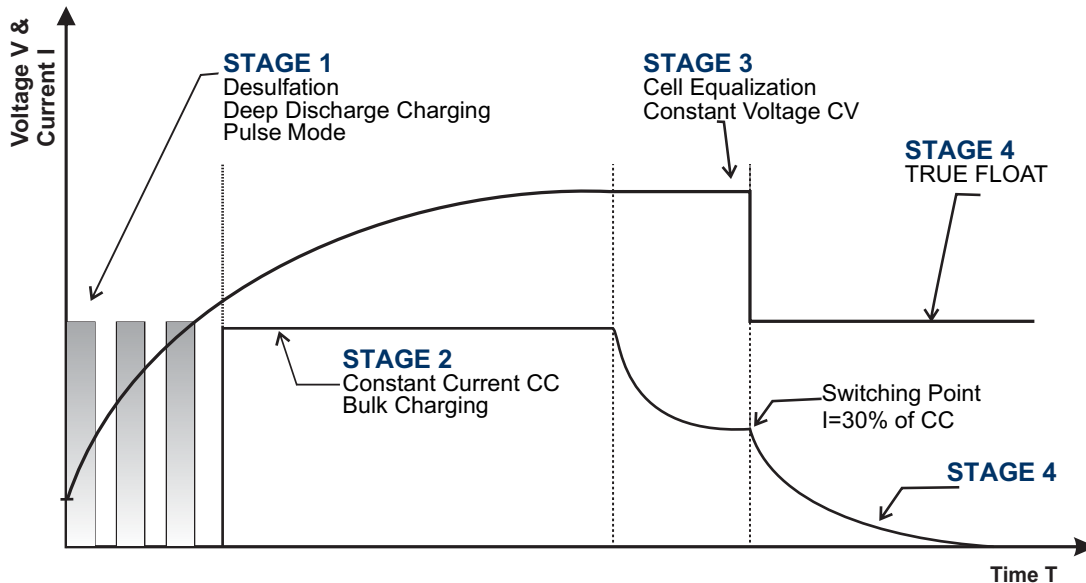
For further details please contact Soneil representative.

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### ADVANCED FEATURES

- ▶ Switch Mode Technology
- ▶ Universal Input (Can be used in any country)
- ▶ Will charge any kind of Lead Acid Battery
- ▶ EMI Filter
- ▶ Two color functions in one LED
- ▶ Fan is protected
- ▶ Can be left connected indefinitely without harming the battery
- ▶ Can start deeply discharged battery
- ▶ De-sulfation of battery increases battery life
- ▶ Suitable for on-board applications
- ▶ Choice of connectors (XLR, Amp or any other)
- ▶ Very Low Ripple
- ▶ Soft Start and stop
- ▶ Very Light Weight
- ▶ Very low current drain (appx. equal to zero)

### Typical 4-stage Charging Curve



**These Battery Chargers are Suitable For :**

- ATM Machines**
- Elevator Lifts**
- Electric Bicycles**
- Golf Carts**
- Health Carts**
- Material Handling**
- Wheelchair Industry**
- And Many More Industries**

Status	Mode	Current	Voltage	LED Indication
<b>Stage-1 De-sulphation</b>	Pulse Mode	Pulse Current	Increasing	RED Solid
<b>Stage-2 Bulk Charging</b>	CC Mode	Rated Current	Increasing up to cut-off	ORANGE Solid
<b>Stage-3 Cell Equalization</b>	CV Mode	Decreasing to 30% rated Current	Cut-off Volts	ORANGE Solid
<b>Stage-4 Float Voltage</b>	CV Mode	To Cover Loses	Float Volts	GREEN Solid

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