

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
1205SRP	12V	14.4V	1A	Dual
1205SRJ	12V	14.4V	3A	Dual
1206S⁺/R^{**}	12V	14.4V	3A	Single
1206S CC 60⁺	12V	14.4V	3A	Dual
2403SRP	24V	28.8V	1A	Dual
2403SRN	24V	28.8V	1.5A	Dual
2403SRL	24V	28.8V	2A	Dual
2404S⁺/R	24V	28.8V	2A	Single
CS3603SR	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 ⁺ 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

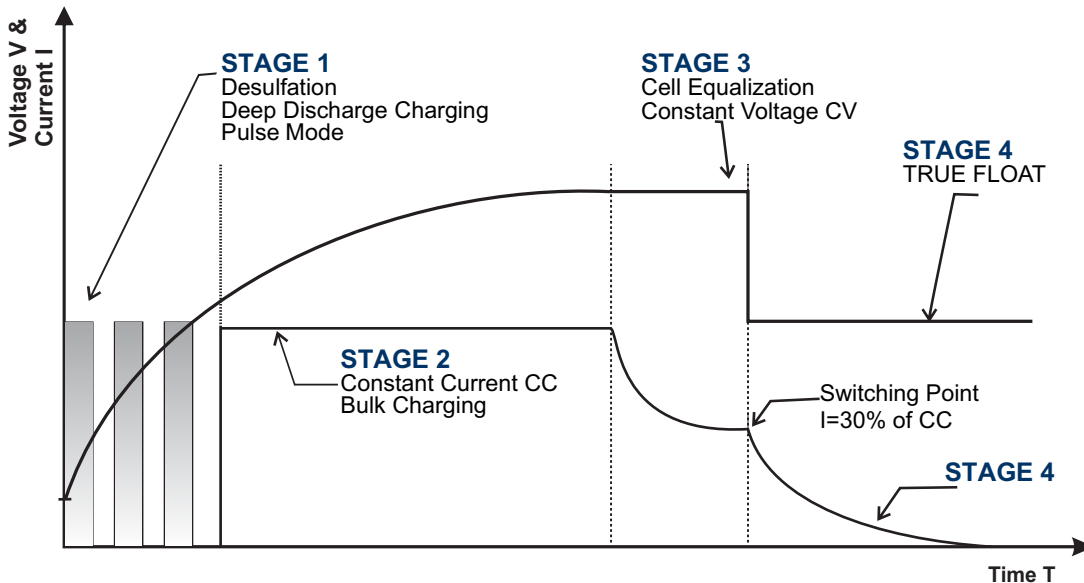
For further details please contact Soneil representative.

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

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