

Technical Specifications

This is a fully automatic high frequency switch mode 4 – stage battery charger with Battery desulfating mode, constant current, constant voltage and float voltage. It comes with a 100 - 240VAC input. The charger is double insulated (no AC connection to ground). The 12V/10A battery charger can charge any gel, glass-matt (AGM), sealed, wet and any other type of lead acid batteries.



DC OUTPUT

Model	Rated Voltage	Max Voltage	Current
1240SR	12V	14.4V	20A
2416SR	24V	28.8V	8A
2424SR	24V	28.8V	12A
3616SR	36V	43.2V	8A
4812SR**+	48V	57.6V	6A

AC INPUT

Voltage	120-230 V
Current	5.0A-2.5A Max (*8.0A-4.0A Max)
Frequency	50/60Hz

MECHANICAL

Dimensions	226x107x55 (8.9x4.2x2.2 inch)/253x107x55 mm (10x4.2x2.2 inch)**
Weight	1.45 kg (+1.65kg)
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

SAFETY

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

** size with mounting plates

For details please contact Soneil representative.

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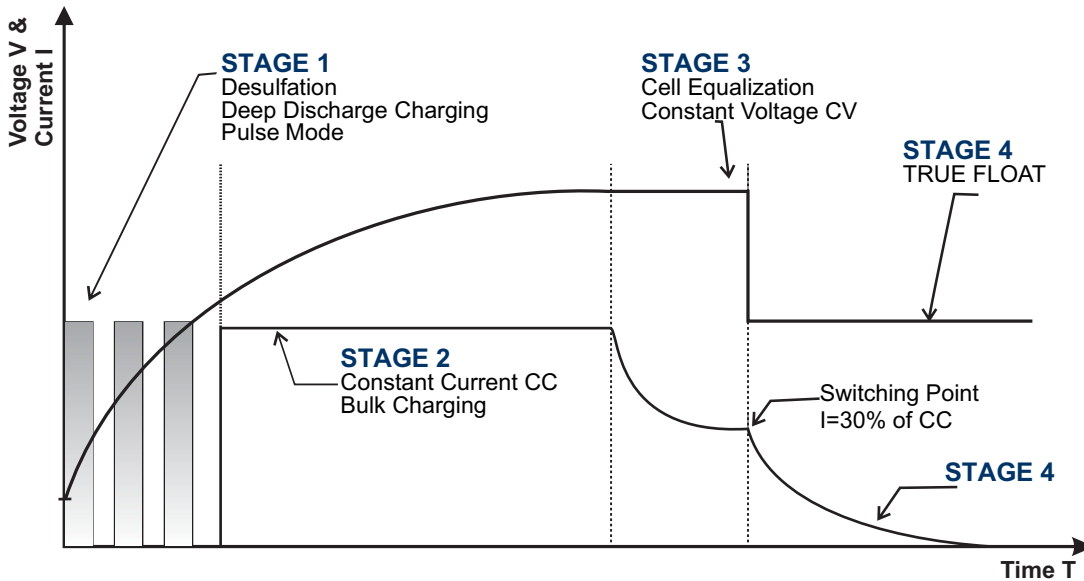
Specifications are subject to change without prior notice

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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
- ▶ Provided Low inhibit as standard feature
- ▶ Can be left connected indefinitely without harming the battery
- ▶ Soft Start and stop
- ▶ Can start deeply discharged battery
- ▶ De-sulfation of battery increases battery life
- ▶ Suitable for on-board or off-board applications
- ▶ Provided with low inhibit as standard feature
- ▶ Choice of connectors (XLR, Amp or any other)
- ▶ Very Low Ripple
- ▶ Very Light Weight

Typical 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 rated Current	Cut-off Volts	ORANGE Solid
Stage-4 Float Voltage	CV Mode	To Cover Loses	Float Volts	GREEN Solid

For further details please contact Soneil representative.

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