

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 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
<b>1220SR20</b>	12V	14.4V	10A
<b>2410SR10*</b>	24V	28.8V	5A
<b>3606SR06</b>	36V	43.2V	3A
<b>4807SR</b>	48V	57.6V	3.5A

### AC INPUT

Voltage	100-240V
Current	3.5A (Max)
Frequency	50/60Hz

### MECHANICAL

Dimensions	168x76x44 mm (6.6x3.0x1.75 inch)
Weight	0.77 kg
DC Output Connector	1.5meter (59") cord without connector (custom connector available as per customer requirement)
AC Input Connector	Standard 3-Pin IEC60320 C8 inlet mating 1.5 meter 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,TUV, CE, GS, RoHS, EMC, LVD *UL Medical Standards

**For details please contact Soneil representative.**

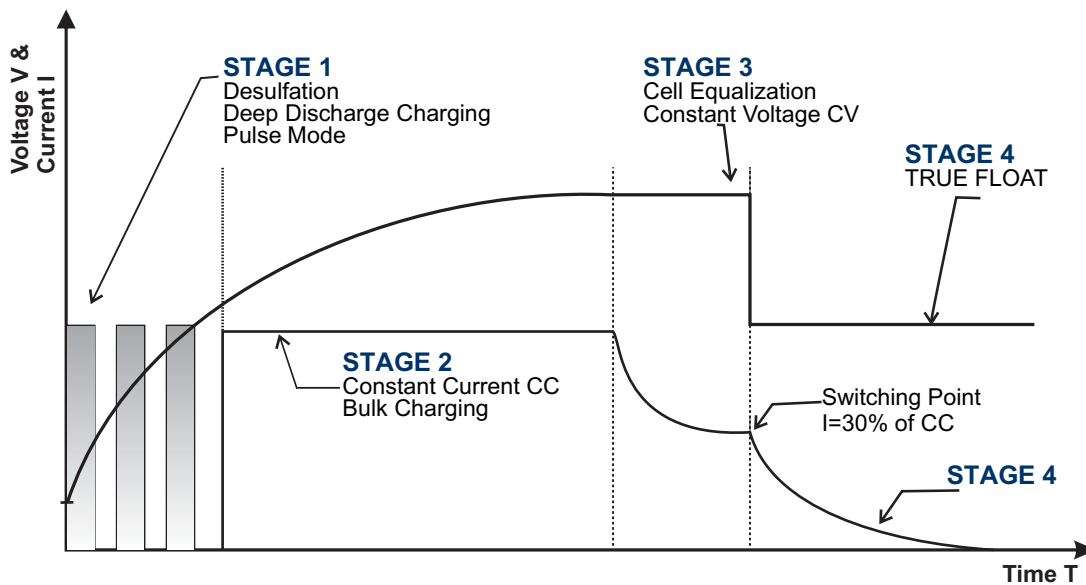
Page 1 of 2

Specifications are subject to change without prior notice

### 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
- ▶ Top Label can be customized (for instructions, advertizement etc.)
- ▶ 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 or off-board applications
- ▶ Provided with low inhibit as standard feature
- ▶ Choice of connectors (XLR, Amp or any other)
- ▶ Very Low Ripple
- ▶ Soft Start and stop
- ▶ Very Light Weight

### Typical Charging Curve



**These Battery Chargers are Suitable For :**

**Material Handling  
Shopping Carts  
& Scrubber Industry  
And Many More Industries**

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

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