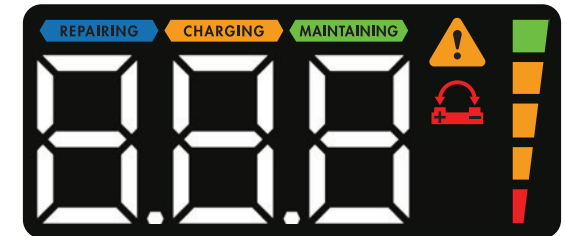


ITEM# 805 Frontline™ 5		
Input Power	120V	
Processes	Smart Charge & Force Charge	
Charging Mode <i>Battery chemistry charged by each mode.</i>	STD	Wet Cell, Enhanced Flooded, Maintenance Free, Deep Cycle, Calcium
	AGM	Absorbed Glass Mat (VRLA)
	GEL	Gel Cell (VRLA)
	LFP	LiFePO4
Battery Voltage	12V & 6V	
Charging Rate	5A	
Max Battery Capacity	120Ah	
Weight	1.43 lbs (0.65 kg)	
Dimensions	2.53" x 4.09" x 8.85" (64.2mm x 104mm x 224.7mm)	
Operating Temperature	-4° F - 113° F (-20° C - 45° C)	



## FRONTLINE™ 5 5A BATTERY CHARGER QUICK START GUIDE



**Solid:** Clamps are misconnected, disconnected, or battery's voltage is too high.

**Flashing:** Battery tested and determined bad.



Clamps are reversed.



Charging Status Bar

**REPAIRING**

Charger blasts battery with high voltage to attempt to charge a heavily discharged battery.

**CHARGING**

Charger will analyze the state of the battery and will either adjust the voltage output to optimize the charging rate or desulfate an old battery, if needed.

**MAINTAINING**

Once the battery has become fully charged, the charger will continue to monitor the battery's voltage to keep it fully charged while preventing overcharging.



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## Smart Charge

### 1. Connect clamps to battery terminals



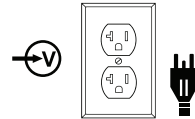
Black to the negative (NEG, N, or -) terminal



Red to the positive (POS, P, or +) terminal

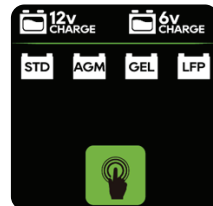
### 2. Connect to 120V input power

If using an extension cord, refer to the sizing chart in the safety information.



### 3. Charge mode selection

Use the button to cycle through battery type and voltage combinations until the proper combination is lit.



### 4. Press START. To stop charging, press the button again

To Force Charge, press and hold Start Button for 5 seconds.



**Force Charge mode** is best used if automatic charging is unable to repair and charge a bad battery or if the battery voltage is less than 0.5V. Force Charge will attempt to manually charge the battery until it can retain a charge, then it will resume normal charging. If the battery will not hold a charge after 3 attempted charge cycles, the unit will stop charging and return to standby mode.

UNDERSTANDING DISPLAY	
LED Screen Display	Explanation
<p>4th &amp; 5th Bar Alternate Flashing</p>	<p>Charger is repairing the battery. See REPAIRING.</p> <p><b>Additional Indicators:</b></p>
<p>Charging Light Cycles From Red to Green</p>	<p>Charger has detected sulfate buildup in the battery, which can limit its effectiveness. This unit has entered desulfation mode in an attempt to fix this issue before resuming charging.</p> <p><b>Additional Indicators:</b></p>
<p>All Charge Bars Flash</p>	<p>Charger was unable to automatically fix and charge the battery. The battery is likely bad. Activate FORCE CHARGE mode to attempt to manually charge the battery.</p> <p><b>Additional Indicators:</b></p>
	<p>Unit has entered Stand-by mode due to inactivity. Unit is not charging when standby mode is active.</p>

UNDERSTANDING DISPLAY	
LED Screen Display	Explanation
	<p>Charger is connected to a battery that does not match the charging MODE selected.</p> <p><b>Additional Indicators:</b></p>
<p>Red and Green Bars Flash in Unison</p>	<p>Clamps are reversed causing a "Reverse Polarity" fault.</p> <p><b>Additional Indicators:</b></p>
	<p>Clamp misconnection. The clamps are not connected, the clamps are shorted, or the battery voltage is too low to read (&lt;0.5V).</p> <p><b>Additional Indicators:</b></p>