

ITEM# 812 Frontline™ 12		
Input Power	120V	
Processes	Manual Charge	
Compatible Battery Chemistries	STD	Wet Cell, Enhanced Flooded, Maintenance Free, Deep Cycle, Calcium.
	AGM	Absorbed Glass Mat (VRLA)
	GEL	Gel Cell (VRLA)
Battery Voltage	12V 6V	
Charging Rate	2A 12A	
Weight	3.97 lbs (1.8 KG)	
Dimensions	7.76" x 8.17" x 5.60" (187mm x 207.5mm x 142.3mm)	
Operating Temperature	-4° F - 113° F (-20° C - 45° C)	



FRONTLINE™ 12 12A MANUAL CHARGER QUICK START GUIDE

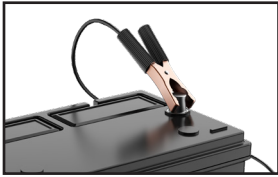


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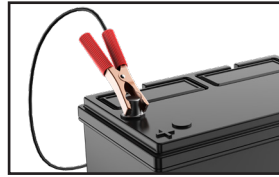
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1. Connect clamps to battery terminals



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

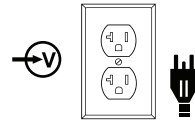


Red to the positive (POS, P, or +) terminal

2. Connect to 120V input power

Green Input Power light will illuminate when powered on.

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



3. Choose appropriate battery voltage



4. Choose charging speed

2A for slow charging
12A for fast charging



5. Begin charging

Yellow Charging Light will be illuminated when the charger is in the correct mode and charging normally.



Green Fully Charged Light will be illuminated when the charger has completed the charge and battery is full.



After Green 'Fully Charged' Light is on, you may see the Yellow 'Charging' Light come on occasionally. This indicates the unit is maintaining your fully charged battery.

UNDERSTANDING DISPLAY

Display Status		Explanation
	Clamp connected to wrong battery posts	Clamps are reversed. Ensure red clamp is attached to positive (POS, P, +) battery post, and black is attached to negative (NEG, N, -) battery post.
	Wrong charging voltage	Unit is set to the wrong voltage for the battery it is attached to.
	Clamp misconnection	Clamp is not connected or is shorted. Battery voltage is <0.5V.
	Bad battery	Battery is unable to absorb or maintain the charge. After attempting to charge for up to 24 hours, the battery is not holding a charge.

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