

UNDERSTANDING DISPLAY		
LED Display Status	Explanation	Additional Indicators
E01	Overheat protection. Allow the unit to cool before continuing use.	
E02	Low temperature protection. Environment is too cold to use unit.	
E03	Connected battery is the incorrect voltage. Ensure the unit is attached to a 12V battery.	
E04	Clamps are reversed. Ensure red clamp is attached to positive (POS, P, +) battery post, and black is attached to negative (NEG, N, -) battery post.	
E05	Smart Jump Start has failed. Ensure clamps are not shorted and attempt to use Force Jump Start.	
E06	External air pressure is higher than the set air pressure. Reset to the proper air pressure or release some air.	
E10	Temperature Sensor failure. Power cycle the unit. If this does not clear the fault, contact Forney Industries.	
E11	Front-end communication failure. Power cycle the unit. If this does not clear the fault, contact Forney Industries.	
E12	DC chip communication failure. Power cycle the unit. If this does not clear the fault, contact Forney Industries.	
E13	Start switch failure. Power cycle the unit. If this does not clear the fault, contact Forney Industries.	
E14	Air pump failure. Power cycle the unit. If this does not clear the fault, contact Forney Industries.	

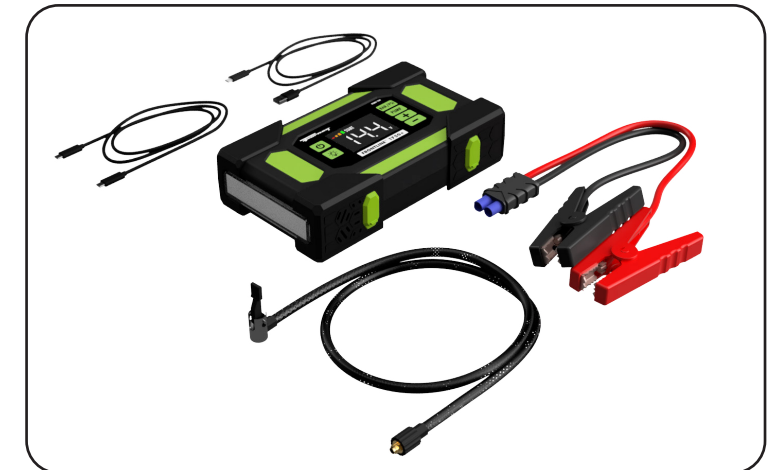
ITEM# 950 Frontline™ 1750+		
<b>Process</b>	Smart Jump Start Force Jump Start USB-A/USB-C Power Supply Flashlight Air Inflator	
<b>Battery Type</b> <i>Battery chemistry charged by each mode.</i>	STD	Wet Cell, Enhanced Flooded, Maintenance Free, Deep Cycle, Calcium
	AGM	Absorbed Glass Mat (VRLA)
	GEL	Gel Cell (VRLA)
<b>Peak Jump Start Output</b>	1750A	
<b>Internal Battery Capacity</b>	51.8Wh	
<b>USB-C Input Power</b>	Up to 30W (PD30W)	
<b>Pressure Range</b>	10-150 PSI (0.5-10 Bar)	
<b>Air Flow Capacity</b>	1.2 CFM (35 L/m)	
<b>Charging Time</b>	Less than 2 hours (when using a 30W charger)	
<b>Jump Start Battery Voltage</b>	12V	
<b>Recommended Engine Size</b>	Gasoline up to 7.5L Diesel up to 5.0L	
<b>USB-A Output</b>	5V/3A, 9V/2A, 12V/1.5A (QC3.0 18W)	
<b>USB-C Output</b>	5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A (PD30W)	
<b>LED Flashlight Brightness</b>	300 Lumens	
<b>Flashlight Modes</b>	Solid White – Solid Red – Flashing Red	
<b>Operating Temperature</b>	-4°F to +140°F (-20°C to 60°C)	
<b>Charging Temperature</b>	+32°F to +113°F (0°C to 45°C)	
<b>Storage Temperature</b>	-4°F to +122°F (-20°C to 50°C)	
<b>Dimensions</b>	10.1" x 5.9" x 2.5" (256mm x 150mm x 64mm)	



**Forney Industries, Inc.**  
2057 Vermont Drive • Fort Collins, CO 80525  
+1-800-521-6038 • www.forneyind.com



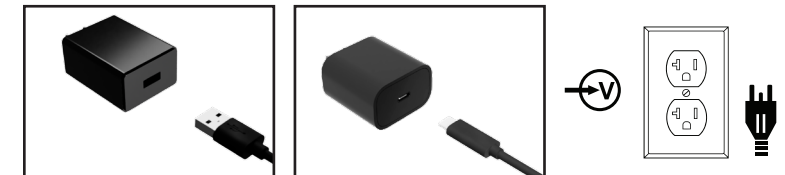
## FRONTLINE™ 1750+ 1750A LITHIUM JUMP STARTER WITH AIR COMPRESSOR QUICK START GUIDE



### Charging

The Frontline™ 1750+ comes partially charged out of the box and should be fully charged prior to use.

1. Connect to any powered USB port



Charging block not included.

2. Connect USB-C cord to unit



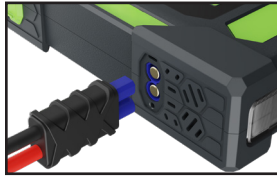
Unit will begin charging.

Charge time is based on the output of the power source. For fastest charging use a 30W charging block.

## Smart Jump Start

**USE THIS MODE WITH EXTREME CARE. THIS MODE IS FOR 12-VOLT LEAD-ACID BATTERIES ONLY (includes AGM, GEL, flooded, etc).** Please make sure all electrical systems in vehicle are turned off before attempting to Jump Start (headlights, air conditioner, radio, etc).

1. Connect clamp cable to 12V START OUT port on Jump Starter unit



2. Connect clamps to battery terminals



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



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

3. Power on the unit



Press the Power Button to begin jump starting. "START" icon will illuminate and output will begin if you are properly connected to a healthy battery.

4. Start the vehicle

5. Power off the unit

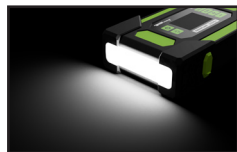


**Force Jump Start mode** The unit is designed to jump start 12-volt lead-acid batteries with as little as 1V charge remaining. If your battery is below 1-volt you can jump start using Force Jump Start, a manual override feature, to turn on the Jump Start function. (Read warnings under Force Jump Start.)

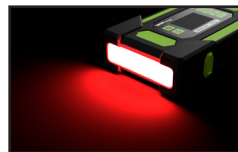
Hold Power Button for 3 seconds to power off unit.

## Flashlight

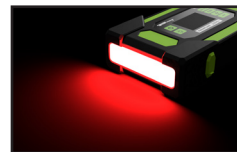
Cycle through Flashlight modes using the Flashlight Button. Each click of the button will change the Flashlight to the next mode (Solid White, Solid Red, Flashing Red and Off).



Solid White  
Press Flashlight Button 1X



Solid Red  
Press Flashlight Button 2X



Flashing Red  
Press Flashlight Button 3X

## Power Source (Charging Personal Devices)

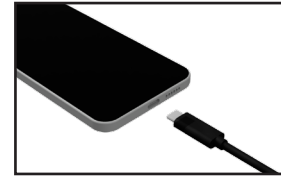
1.

Power on the unit. Plug personal device charging cord into any port marked USB OUT



2.

Plug charging cord into device to be charged



Hold Power Button for 3 seconds to power off unit.

## Force Jump Start

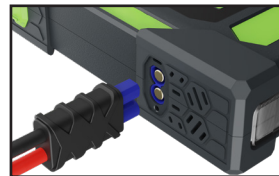
**USE THIS MODE WITH EXTREME CARE. THIS MODE IS FOR 12-VOLT LEAD-ACID BATTERIES ONLY (includes AGM, GEL, flooded, etc).**

**BOTH THE SPARK PREVENTION AND REVERSE POLARITY PROTECTION FEATURES ARE DISABLED. PAY VERY CLOSE ATTENTION TO THE POLARITY OF THE BATTERY BEFORE USING THIS MODE. DO NOT ALLOW THE POSITIVE AND NEGATIVE BATTERY CLAMPS TO TOUCH OR CONNECT TO EACH OTHER AS THE PRODUCT WILL GENERATE SPARKS. THIS MODE USES VERY HIGH CURRENT (UP TO 1750 AMPS) THAT CAN CAUSE SPARKS AND HIGH HEAT IF NOT USED PROPERLY. IF YOU ARE UNSURE ABOUT USING THIS MODE, DO NOT ATTEMPT AND SEEK PROFESSIONAL HELP.**

Follow steps 1-3 of the Smart Jump Start Section.

1.

Connect clamp cable to 12V START OUT port on Jump Starter unit



2.

Connect red positive clamp to battery



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

3.

Power on the unit



4.

Enable Force Jump Start mode

To begin Force Jump Start, press and hold both the Power Button AND Flashlight Button for 5 seconds. Rapid stair-step flashing of the color light bar and solid "Start" icon indicates you're in Force Jump Start mode.

5.

Connect black negative clamp to battery



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

6.

Start the vehicle

7.

Power off the unit



Hold Power Button for 3 seconds to power off unit.

## Air Inflator

1.

Connect the inflation hose to the air pump's output port and tighten the nut



2.

Attach the air chuck to the air valve of your tire or inflatable



\*After placing Air Chuck on valve or air attachment, fold lever down to lock the chuck.

3.

Power on the unit



Hold the Power Button briefly to turn on the unit.

4.

Choose unit for pressure measurement



Press the BAR/PSI Button to choose which pressure unit to use.

5.

Set the target tire pressure



Press the Plus (+) and Minus (-) Button until screen shows the desired pressure.

6.

Start air pump



Press and hold Pump Button for 3 seconds to begin air flow.

When the pump reaches the set pressure, it will begin to cycle on and off to safely monitor and maintain the final air pressure. Once complete, the pump will automatically turn off.

To manually turn off the air pump, hold the "PUMP" Button briefly.