



JUMP STARTING
POWER PACK

70



JUMP STARTS

All Gas Engines

Diesel Engines up to 5 Liters +

**OWNER'S
MANUAL**

Model No. 70

TABLE OF CONTENTS

Overview.....	3
Getting Started	4
Specs / Charge Up Your Weego 70.....	5
Jump Starting	6
Before You Jump	6
Jump Starting Your Engine.....	7-8
Understanding Your Smarty Clamps [®]	9
Troubleshooting	10
Engine Compatibility.....	11
USB-A & USB-C Charging / Lighting.....	12
Important Safety Information	13
Weego 70 Optimal Temperature Ranges	14

OVERVIEW

Thank you for choosing Weego Jump Starter 70! This product was developed to be powerful, durable and to make jump starting safe & simple. We're debuting our new jump starter **Smarty Clamps**[®] which have advanced safety protections and an easy-to-use design. Please read all instructions carefully and keep this manual for easy reference.

POWERFUL

- Starts All Gas Engines and Diesel Engines up to 5L+

DURABLE

- Years of staying power - only loses 2% of charge per month when stored
- Over 1000 full charge cycles
- Operating temperature range: -4°F to 140°F

SAFE & SIMPLE **Smarty Clamps**[®]

- Unique hinge design allows for an extra-wide opening & easy handling
- Conductive metal on each side of the clamp jaws make for a more powerful connection
- Intuitive Smart Box guides you through the jump using a series of lights and sounds
- Small, tapered clamps ideal for tight spaces.

Smarty Clamps[®] Have Built-In Safety Protections:

Anti-Spark: *The clamps won't become "live" with power until they are properly connected to a vehicle battery – this prevents sparks from occurring!*

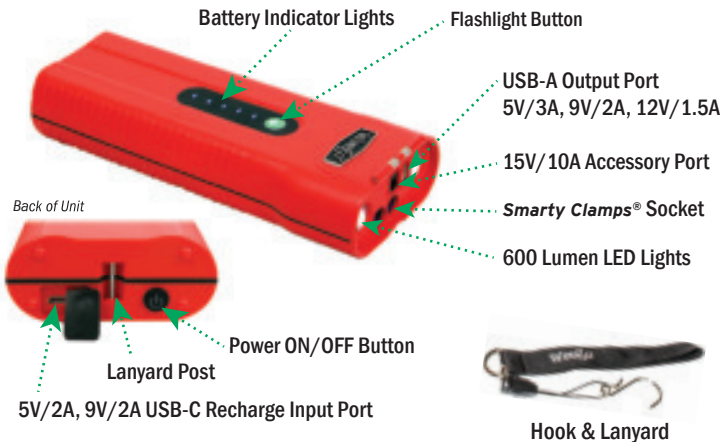
Connection Detection: *The green light on the clamps lets you know when you have a strong, safe connection.*

Power Surge: *Your Weego 70 is designed to deliver up to 700A of power. The clamps will cut off power if your engine pulls more than the rated 700A.*

Reverse Polarity: *If you accidentally reverse the connection of the clamps to your vehicle battery (positive clamp to negative terminal, etc.) your clamps will let you know of the error (and won't jump until you fix it!)*

Over-Heat: *If your Weego 70 becomes too hot, power will be cut-off (up to 3 min.) until properly cooled.*

GETTING STARTED



Smarty Clamps®



Zippered Carry Bag



AC / USB Charger



12V DC Charger



Charging Cable

SPECS

JUMP STARTING

Engine Size

Voltage Compatibility

Peak/Cranking Current

All Gas

5L+ Diesel

12V Only

2500A/700A

BATTERY

Type

Capacity

Charge Cycles

Operating Temp. Range

Lithium-ion polymer

59.2 Wh

1,000

-4°F to 140°F

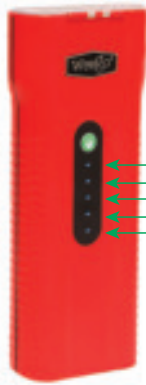


CHARGE UP YOUR WEEGO 70

When you unpack your new Weego Jump Starter 70 for the first time, charge it up to 100% with either the wall or car charger and included USB Type-C charging cord.

It takes 3.5 hours to fully charge when using a 2.1A USB adapter. The power indicator lights will flash one by one while the unit is charging. A solid light indicates a completed level of charge, while a blinking light means the level is progressing. When all 5 lights are solid, the charging is complete.

Weego 70 will last over a year without recharging, but to keep it topped off, recharge it every 6 months or so. Weego 70 will allow you to charge & discharge your unit up to 1000 times, which will give you a good 3-5 years of active use.



Indicator Lights Sequence:

- 100% Charged
- 80% Charged
- 60% Charged
- 40% Charged
- 20% Charged

JUMP STARTING

BEFORE YOU JUMP

- ➔ Read all instructions and safety information (see pages 12-13) prior to using this product. Improper use of this product will void your warranty and may result in product damage, excess heat, toxic fumes, fire, and other unsafe conditions for which Weego is not responsible.
- ➔ Read vehicle owner's manual first: it may have specific cautions and instructions about jumping your engine.
- ➔ This product is for use on **12V Lead-Acid** batteries only! **DO NOT** use this product on any other voltage battery, such as 6V, 24V, etc. **DO NOT** use this product on lithium-ion batteries.
- ➔ Never jump or operate any engine in an enclosed area.
- ➔ Put your vehicle in **PARK** and engage the emergency brake (boats and powersports vehicles should be put in **NEUTRAL**).
- ➔ **TURN OFF ALL ELECTRONICS!** – air conditioner, radio, lights, etc.
- ➔ Remove any devices attached to your Weego 70.
- ➔ Never leave your Weego 70 connected to your engine's battery unless actively jumping.
- ➔ Always disconnect the **Smarty Clamps**® from your Weego 70 when not in use.



Connect Clamps



Power ON



Attach Black (-), Then Red (+)



When You Have **SOLID GREEN LIGHT On Your Smart Box, Start Your Engine**



Once it Starts, Disconnect Clamps from Weego 70



Detach Clamps From Battery

JUMP STARTING YOUR ENGINE

1. Ensure your engine is completely OFF.
2. Securely connect the **Smarty Clamps**[®] to your Weego 70, then power ON.
3. Attach **BLACK** clamp to your battery's negative (-) terminal, then the **RED** clamp to your battery's positive (+) terminal. Adjust your **Smarty Clamps**[®] to achieve MAXIMUM contact with the terminals. Poor connections will prevent you from starting your engine! *Clear off any dirt or build-up with a wire brush or a dry towel before connecting your clamps.*
4. Place your Weego 70 in a secure location or suspend using the provided hook & lanyard so it won't fall. Check your **Smarty Clamps**[®] lights.
5. When you have a **SOLID GREEN READY** light, start your engine. *If the engine doesn't start, turn off your vehicle and check your **Smarty Clamps**[®] lights.*
6. After a successful start, quickly disconnect the **Smarty Clamps**[®] from your Weego 70.
7. Detach the **Smarty Clamps**[®] from the battery.
8. You're now good to go - be sure to run your engine for at least 15 minutes before shutting it off again so it has time to recharge your battery.

If you are having issues getting your engine started, see the **Troubleshooting** section on page 10 or visit myweego.com/support for further details and assistance.

WARNING!

Exposed Metal Jaws May Be HOT After Use!

UNDERSTANDING YOUR *Smarty Clamps*[®]

Your *Smarty Clamps*[®] have a “smart” box that will help guide you through a jump with both sight and sound. It will let you know when it is safe to jump or if there is an error.



● **READY** **Solid Green Light, No Sound**
Smarty Clamps[®] detect that you have a good connection and you are ready to jump.

● **REVERSE +/-** **Solid Red Light + Solid Beep**
You attached the *Smarty Clamps*[®] on the wrong terminals. Make sure the **BLACK** clamp is attached to the battery's **NEGATIVE (-)** terminal, and the **RED** clamp is attached to the battery's **POSITIVE (+)** terminal. If not attached properly, Weego 70 will not let you jump your engine.

☀ **COOL DOWN** **Flashing Red Light**
WAIT FOR ●
The Weego battery overheats after long cranks or excessive current draw. Detach the *Smarty Clamps*[®] from the battery and give the unit up to 3 minutes to cool down. Then, repeat steps 2-5 under *Jump Starting Your Engine*.

○☀ **SEE REVERSE** **No Light/Flashing Green Light**
Either you have a poor connection, or your battery voltage is near 0 volts. Press the **BYPASS*** button, when **SOLID GREEN** light is on, start engine.
Note: If you cannot complete the jump the system voltage of your vehicle may not be compatible with your Weego 70 (for 12V vehicles only).

**Using BYPASS feature will override safety features.*



Bypass Button

TROUBLESHOOTING

My unit won't power on/charge/charge past a few lights

If your unit won't power on, won't take a charge OR won't charge past a few lights then it's been overdischarged. This can happen if the engine pulled the Weego battery past a certain limit during a jump start. It can also happen if the Weego is not stored with a full charge, or is not recharged every 3-6 months during storage.

The Weego won't jump start my vehicle

A few things can attribute to a failed jump start, which we listed below.

- **Poor connection between the Weego clamps and vehicle battery:** *the better the connection, the more likely you are to have a successful jump*
- **Dirty battery terminals:** *build up prevents all the available power from reaching your battery*
- **Vehicle-specific compatibility issues:** *occasionally we come across a vehicle that has unique power demands that a smaller model cannot fulfill, even though it's within our recommended engine range. In addition, vehicles with heavier electronics can sometimes create issues when jumping with a Weego; we mostly see this in push-to-start vehicles.*
- **Cold temperatures:** *Freezing temperatures create a lot of resistance in an engine which means it can require up to 3.5X the usual amount of power to get started; for example, an engine that usually needs 200A could need up to 700A in the extreme cold. In addition, if your Weego was stored in the cold temps it will make it harder for the Weego to deliver its full power.*
- **Low-Charged Weego:** *it's always best to work with full power on your Weego if you can. Our jump starters perform better at 100% charge than they do at 20% charge, especially when jumping larger engines.*

ENGINE COMPATIBILITY

The larger the engine, the more power it's going to need from your Weego to start; for this reason, we offer a range of sizes to accommodate most engines. Bear in mind, though, power demand from an engine isn't an exact science and changes wildly from one car to the next – our ranges offer a good starting point to capture most scenarios, but unique engine setups may demand unexpected power.

Weego Jump Starters can be used on gas and diesel engines* as follows:

• Weego N44s	Gas 7L+	Diesel 3.5L+
• Weego N70	Gas (all)	Diesel 5L+
• Weego C154	Gas (all)	Diesel up to 15L

There are a few external factors that would increase the power demand of your engine, too, of which you should keep in mind when choosing your Weego model:

- Freezing temperatures
- Poor vehicle battery condition
- Poor engine condition
- Weego charge level (works best when fully charged)
- Heavy electronics in modern vehicles

Choose the model that's best for you, and if you're still not sure, feel free to reach out to our customer service for assistance.

USB-A & USB-C CHARGING

Charge your phone, tablet and other portable devices with your Weego 70. Weego 70 comes equipped with **Detect-o-Matic™** USB Fast Charging.

You can charge your USB-A devices by plugging in your USB-A cord into your Weego 70 USB-A port OR by plugging your own USB-C to USB-C cord into your Weego 70 USB-C input/output port. Connect to your device, power on Weego 70 and start charging!



USB-A
Output Port

USB-C
Input/Output Port



LIGHTING

Your Weego 70 comes with a 600 lumen LED flashlight. Power on your Weego 70, then briefly press and release the flashlight button to initiate the following sequences:

- 1st click: Normal
- 2nd click: Strobe
- 3rd click: SOS
- 4th click: OFF

Your Weego 70 will give you **up to 15 hours of flashlight time** and **up to 30 hours of strobe & SOS light** on a full charge.



Flashlight Button

IMPORTANT SAFETY INFORMATION

Read all instructions and warnings prior to using this product. Improper use of this product will void your warranty and may result in product damage, excess heat, toxic fumes, fire, and other unsafe situations for which Weego is not responsible.

- Do not expose your Weego 70 to excessive heat or fire.
- Do not use this product where there are flammable fumes, gases or liquids present.
- Do not expose your Weego 70 to moisture or liquid. Do not submerge your Weego 70 in liquid.
- Never open or disassemble your Weego 70. There are no user-replaceable parts inside your Weego 70.
- Do not crush, puncture, or penetrate your Weego 70.
- Do not insert foreign objects into any ports on your Weego 70.
- Your Weego 70 must be disposed of properly when it is no longer able to be used. You must recycle your unit at a local lithium-ion recycling facility.
- If there are any problems with the product, a malfunction occurs or in the extremely unlikely event that any liquid seeps from your Weego 70, discontinue use immediately and place the unit outside. If any liquid comes in contact with any part of your body, wash with cold running water and consult a doctor.

WEEGO 70 OPTIMAL TEMPERATURE RANGES

All lithium-ion batteries have recommended temperature ranges for different scenarios - there's one for using your product, one for recharging your product and one for storing your product. All should be adhered to, to ensure the safety, longevity and/or performance of your Weego 70:

	Optimal Range	
For USING your Weego 70:	-4 °F to 140 °F -20 °C to 60 °C	<i>Extreme-low temps will hinder performance, while high temps pose a safety risk.</i>
For RECHARGING your Weego 70:	32 °F to 114 °F 0 °C to 46 °C	<i>Lower than 32 °F produces a slow charge, while higher than 114 °F poses a safety risk.</i>
For STORING your Weego 70:	-4 °F to 86 °F* -20 °C to 30 °C*	<i>When not in use, storing your Weego 70 within this range retains its longevity. At high temps your battery ages much faster.</i>

***DO NOT store your Weego 70 in any location in which the temperature can exceed 140 °F (ie. inside an enclosed vehicle on a hot day).**

To further elaborate . . .

Cold temperatures freeze the chemicals inside *all* batteries (including cell phone batteries) and hinder their performance (or stop it all together). Moving your battery to room temperature, such as inside your home, reverses the effects.

Hot temperatures are never good for *any* battery – they can diminish the lifespan of your battery, or worse, pose a safety risk to you and your device.