

**JFEGWO**  
KEEP ENERGIZED

THANK  
YOU!

FOLLOW US



@jfewous



@jfewo

CONTACT US



jfewo.com



cs@jfewo.com

# JFEGWO

## F85 Air Inflator

User Manual



**Product Name: F85**

Read this manual carefully before use and keep it for future reference.

## WARRANTY REGISTRATION

Thank you for choosing JFEGWO F85 Air Inflator.

Send us your order number to claim your free 12-month warranty. To register, visit [jfegwo.com](http://jfegwo.com), or email [cs@jfegwo.com](mailto:cs@jfegwo.com).

Your satisfaction is our top priority. Contact us with any questions or concerns.

We hope you will enjoy the product. All the best!

Kind regards,  
JFEGWO

CONTACT US  
 [jfegwo.com](http://jfegwo.com)  
 [cs@jfegwo.com](mailto:cs@jfegwo.com)

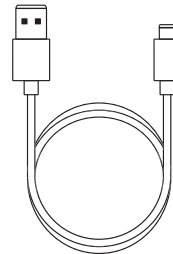


Warranty Registration

## INSIDE THE BOX



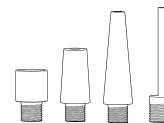
F85 Inflator



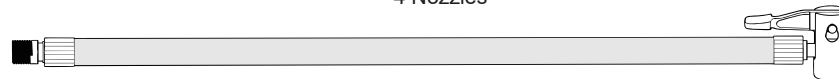
USB Charging Cable



User Manual



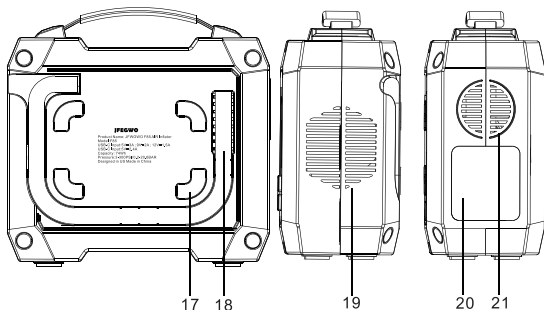
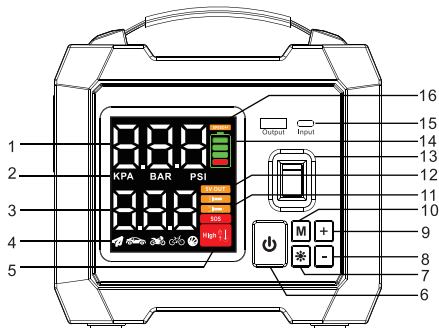
4 Nozzles



Air Hose

## BUTTONS & LED DISPLAY

1. Real-time pressure value
2. Current unit
3. Preset pressure value
4. Preset mode
5. High temperature alarm
6. Power button
7. LED light button
8. "-" button
9. "+" button
10. Mode button
11. LED light mode
12. USB-A output icon
13. Inflation switch
14. Battery indicator
15. Input and output ports
16. Fast charging
17. Non-slip mat
18. Air hose
19. Air inlet
20. LED light
21. Air outlet



## BATTERY LEVEL INDICATOR & CHARGING

### Battery Level Indicator



The battery level is shown by four bars, with each bar representing 25%.  
 1 bar = under 25%.  
 2 bars = between 25% and 50%.  
 3 bars = between 50% and 75%.  
 4 bars = between 75% and 100%.  
 Note: The battery indicator will flash when the battery level is below 25%.

### Charging

SPEED++



Fully charge the inflator before first use. To charge, please use a certified 5V/3A USB charger or fast charger.  
 While charging:  
 1 bar flashing = under 25%.  
 1 bar steady on, 2nd bar flashing = between 25% and 50%.  
 2 bars steady on, 3rd bar flashing = between 50% and 75%.  
 3 bars steady on, 4th bar flashing = 75% and 100%.  
 All 4 bars steady on = fully charged.

### NOTES:

- When fast charging is recognized, the corresponding icon on the display will light up.
- The air inflator cannot be used while charging.

## TURNING THE INFLATOR ON/OFF



### ON:

Long-press 1.5 seconds to turn on.

### OFF:

When the inflator is turned on, long-press 1.5 seconds to turn off. In the power-on state, if there is no operation for 3 minutes, it will automatically shut down.



**Note:** When using the LED light or USB port, it will enter the energy-saving mode if there is no inflation for 3 minutes. At this time, you can't turn off the inflator by long-press 1.5 seconds. Please press the button other than the LED light button to activate, and then long-press 1.5 seconds to shut down.

### Start to inflate:

In the power-on state, turn the inflation switch to "I" to inflate, and to "O" to stop inflation.

### The inflator will automatically turn off in the cases below:

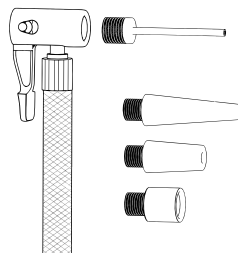
1. During charging.
2. When the LED light is turned on and the inflating has not started. To activate the inflator, press any button except the LED light button.
3. When the current air pressure is higher than or equal to the preset air pressure.
4. When high temperature protection occurs during inflation.
5. The air pressure does not increase for two consecutive minutes during inflation.

## TURNING THE INFLATOR ON/OFF



### Connecting with the hose:

1. Connect the air hose to the product first.
2. After setting the preset pressure, connect the air hose to the tire.
3. Turn the inflation switch to "I" to inflate.



### Connecting with a nozzle:

1. Connect the air hose to the product first.
2. After setting the preset pressure, connect the air hose to the nozzle.
3. Attach the nozzle to the tire.
4. Turn the inflation switch to "I" to inflate.

## DETECTING THE CURRENT PRESSURE

When the inflator is turned on, connect the air hose to the device or tire to be inflated, and then the LED screen will display the current pressure value.

## DETERMINING THE RIGHT PRESSURE VALUE

To avoid injuries from bursting items due to over-inflation, make sure you are aware of the maximum inflation pressure before you start.



The recommended air pressure for tires on cars, bicycles, and motorcycles is typically indicated on the sidewall of the tire. For cars, you can also find the recommended tire pressure inside the driver's side door.

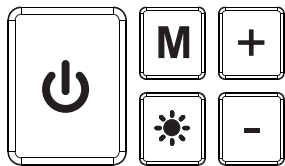
For details concerning load carrying capacity and recommended air pressures, refer to your vehicle's instructions or manual.

## AIR PRESSURE REFERENCE TABLE

Category	Type	Recommended Pressure Range		
		PSI	BAR	KPA
Bicycles	Electric Folding Bike tires	10 - 50PSI	0.7 - 3.4BAR	69 - 344KPA
	12-, 14-, & 16-inch bicycle tires	30 - 50PSI	2 - 3.4BAR	206 - 344KPA
	20-, 22-, & 24-inch bicycle tires	40 - 50PSI	2.7 - 3.4BAR	275 - 344KPA
	26-, 27.5-, & 29-inch mountain bike tires	45 - 65PSI	3.1 - 4.4BAR	310 - 448KPA
	Electric Scooter tires	40 - 50PSI	2.7 - 3.4BAR	275 - 344KPA
	700c road bike clincher tires	100 - 130PSI	6.7 - 9BAR	689 - 896KPA
	700c road bike tubular tires	120 - 145PSI	8.2 - 10BAR	827 - 999KPA
Motorcycles	Scooter & street motorcycle tires	26 - 43PSI	1.8 - 3.0BAR	179 - 296KPA
Cars	Car tires	32 - 40PSI	2.2 - 2.8BAR	220 - 275KPA
Balls	Basketball	7 - 9PSI	0.5 - 0.6PSI	48 - 62KPA
	Soccer ball	8 - 16PSI	0.5 - 1.1PSI	55 - 110KPA
	Volleyball	4 - 5PSI	0.2 - 0.3PSI	27 - 34KPA
	Football	12 - 14PSI	0.8 - 1PSI	82 - 96KPA

**Note:** Pressure range values are for reference only. Always refer to the instructions or manual of the item being inflated for actual inflation pressure specifications.

## PRESET PRESSURE VALUE





### Switch Modes:

Press the M button, and a mode icon will flash. Meanwhile, press the M button to cycle through the five following modes.

### Switch Units:


Long-press the M button for 1.5 seconds, a unit icon will flash. Meanwhile, press the M button to switch between PSI/BAR/KPA.

 : **Free Mode:** 36PSI Default  
**Adjustable Range:** 3 - 300PSI

 : **Car Mode:** 36PSI Default  
**Adjustable Range:** 26 - 51PSI

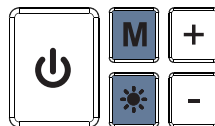
 : **Motorcycle Mode:** 35PSI Default  
**Adjustable Range:** 26 - 43.5PSI

 : **Bicycle Mode:** 45PSI Default  
**Adjustable Range:** 30 - 150PSI

 : **Ball Mode:** 8PSI Default  
**Adjustable Range:** 4 - 16PSI

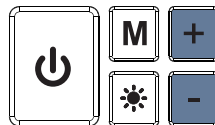
### NOTES:

- After completing the inflation of an item, the manual mode will remember the target pressure value as its default pressure setting.
- Please adjust it based on your specific needs.



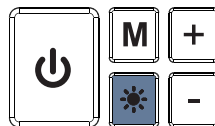
### Restore factory settings

Press and hold the LED light button and the "M" button at the same time for 3 seconds.



### Adjusting the Preset Pressure

After selecting a mode, press + or - to increase or decrease the target pressure value. For quick adjustments, press and hold the + or - button.

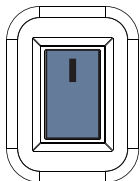


### LED Light

When the device is powered on, press the LED light button to switch between the light's on, flash, SOS, and off modes.

**NOTE:** If the LED light is left on without inflating for 3 minutes, the air inflator will enter "energy-saving" mode. In this mode, the display only shows the battery level and LED light status icons. To exit energy-saving mode, press any button except the LED light button.

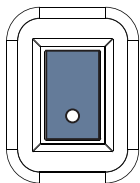
## OPERATION STEPS



### Start Inflating

Turn the inflation switch to "I" to inflate.

Note: After running for a period of time, the air compressor and hose will become hot. To avoid burns, wait for them to cool down before removing the hose.



### Stop Inflating

The air inflator will automatically stop inflating when it reaches the preset pressure value. You can also Turn the inflation switch to "O" to manually stop the process.

Note: If a high temperature alarm occurs, the inflator will stop and the alarm will reset after a few minutes of cooling. You can then resume inflation.

**Warning:** Balloons, swimming rings, inflatable cushions, and similar items cannot be inflated automatically as their air pressure requirements are below the minimum pressure range of the air inflator. These items can only be inflated using the free mode.

## DISCONNECTING THE AIR HOSE

After inflation, the air hose may become very hot. To prevent burns, disconnect the hose from the valve. There may be some air leakage when disconnecting, so remove the air hose shortly to minimize the air leakage.

## TROUBLESHOOTING

Problem	Solution
Slow inflation speed	<ol style="list-style-type: none"><li>1. Check if the power is sufficient;</li><li>2. Check if the air hose is leaking;</li><li>3. Check if the hose is properly connected to the inflated item;</li><li>4. Check if the inflated item is leaking.</li></ol>
Air compressor powers on but does not inflate	<ol style="list-style-type: none"><li>1. Check if the pressure of the inflated item exceeds the preset pressure;</li><li>2. Check if there is a high temperature warning on the LED screen.</li></ol>
The inflator inflates normally but the displayed pressure shows zero	The pressure of low-pressure inflatables, such as balloons, is too low to be measured.
Air leakage after connecting the air hose	Make sure the air hose is securely connected.
Fast charge is not displayed when charging	The product is compatible with most fast charging chargers on the market. Please use certified ones.

## SPECIFICATIONS

Name	Air Inflator
Model	F85
Dimensions	17.1*15.4*8.1 cm / 6.73*6.06*31.89 inches
Weight	1.4 kg / 3.1 lbs
Inflation Pressure Range	3 - 300PSI / 0.2 - 20.7BAR
Sensor Accuracy	±1 PSI / ±5 kPa / ±0.1 BAR
Operating Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Air Valve Dimensions	500mm / 11.8 inches
Input Port	USB-C: 5V≐3A; 9V≐2A; 12V≐1.5A
Nozzles	Needle valve / Metal adapter / Long cone adapter / Short cone adapter

## WARNINGS

- This product is not a toy and should not be used by children under 16 years old. Keep a safe distance from children during inflation.
- The product contains a built-in lithium battery. Do not expose it to fire as it may cause overheating and increase the risk of combustion or explosion. Keep the air inflator away from high temperatures, such as prolonged sun exposure.
- Store the product within the temperature range of -20°C to 60°C. Extremely hot environments may damage the battery or reduce the air pump's lifespan.
- To maintain battery efficiency, charge the air pump at least once every three months, even during periods of non-use.
- Use this product in a dry and clean environment. Avoid exposing it to sand and dust, as they can damage the product. Do not wash the product with water.
- To charge the product, use a qualified 5V/3A or fast charger along with the provided charging cable.
- After extended operation, the metal joint between the air hose and the air pump may become hot. Avoid directly contact to prevent burns.

Have more questions?

Email [cs@jfewgo.com](mailto:cs@jfewgo.com)

We are ready to help.