

## **800A POWER PACK WITH COMPRESSOR (MP7435)**

### **USER GUIDE**



**Please read this operating manual fully and abide by all safety instructions when using this device.**

**Keep these instructions for future reference. When passing the device on to others be sure to also include all documentation. The instruction leaflet is also available on our website:**

**[www.maypoleltd.com](http://www.maypoleltd.com)**

## IMPORTANT SAFETY INSTRUCTIONS

- Explosive gases may escape from the battery during the use of this product. This is normal, but please follow the below guidelines:
- Do not use near flames or sparks – do not smoke in the area.
- Ensure adequate ventilation during use.
- **NEVER** connect the output clamps together.
- Keep the area completely clear of combustible materials.
- This device contains a Lithium Ion battery, do not allow battery to overheat. Do not crush, pierce or incinerate.
- Store in a dry area and take care to not expose to rain or moisture during use.
- The jump starter is intended for use with 12V batteries only.
- Never connect to a battery suspected to be frozen.
- This product should not be used for any purposes other than those listed – any other use will invalidate warranty.
- Ensure that cables are regularly inspected and kept in good condition.
- This device can be used at temperatures between -20°C and 55°C. It is recommended the device is stored between 0°C and 40°C and stored indoors when temperatures are below 0°C.
- Never use the product if the device or its accessories are found to be worn or damaged.
- This product contains no user-serviceable parts - never attempt to disassemble.
- During operation, locate the unit as far away from the vehicle primary battery as the cables will permit.
- Position the unit such that it cannot inadvertently become stepped on, tripped over or damaged.
- Never place the device directly above the battery unto which it is connected; gases from the battery could corrode and damage the product.
- Always follow battery manufacturer's instructions to confirm correct jumpstart operation - electrical discharge from batteries can be dangerous.
- Battery electrolyte is acidic and likely to cause burns. The use of safety goggles and gloves when working with lead acid batteries is strongly advised.
- Remove metal items such as rings, necklaces and watches while working with batteries.
- This appliance is not for use by a person (including children) with reduced physical, sensory or medical capabilities or lack of experience or knowledge.

## PREPERATION OF THE BATTERY

Refer to the vehicle manufacturer's handbook for battery maintenance, connection and charging guidelines.

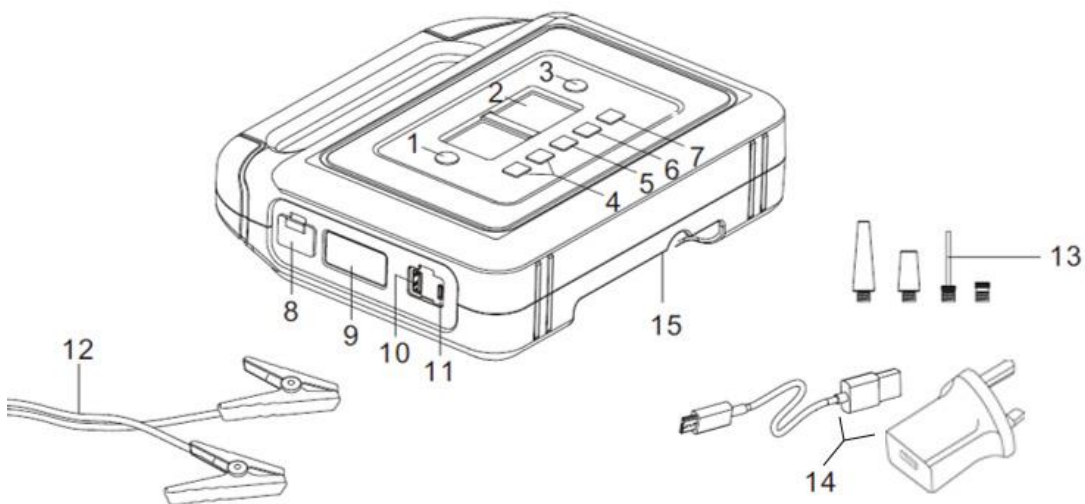
## COMPONENTS



### Box contains:

- 800A power pack & compressor
- Output cable jump lead
- Type C USB charging cable & adaptor
- Tyre, ball & inflatables adaptors

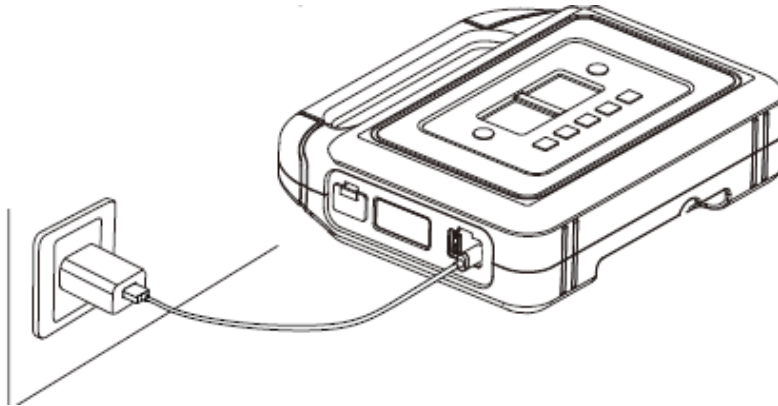
## PRODUCT LAYOUT



- |                         |                           |                                  |
|-------------------------|---------------------------|----------------------------------|
| 1. Inflate button       | 6. Power button           | 11. USB charging port            |
| 2. LCD display          | 7. Light button           | 12. Jumpstart cable              |
| 3. Engine start button  | 8. Jump start port        | 13. Inflating adaptors           |
| 4. Pressure set         | 9. LED flash light        | 14. USB charging cable & adaptor |
| 5. Pressure unit button | 10. USB 5V 3A output port | 15. Compressor hose & storage    |

## CHARGING

- Insert the USB charging cable (14) into the USB charging port (11) on the device.
- Insert the type A USB port into a 5V 2A supply adaptor.
- When the power is connected; the 'charging icon' on the LCD display will flash. When the device is fully charged the charging icon will stop flashing.



## JUMP STARTING VEHICLES

ALWAYS CONSULT YOUR VEHICLE MANUFACTURERS HANDBOOK TO CONFIRM CORRECT JUMP-STARTING OPERATION. VERIFY THE VOLTAGE OF THE BATTERY IS 12V.

Note: The battery within the device must be at a minimum of 50% for the jump start function to operate. Ensure all non-essential loads (fan, lights, radio etc.) are switched off prior to commencing the jump starting procedure.

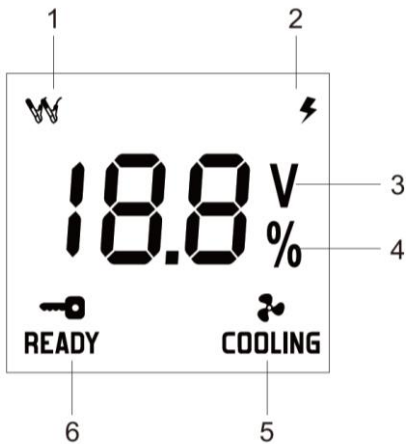
- Connect the jump start cable (12) to the 12V jumpstart port (8). **NOTE – it is important the jumpstart cable is fully inserted into the port.**
- Connect the red (+ve) clamp to the designated +12VDC connection point or positive post of the battery, then connect the black (-ve) clamp to the vehicle chassis or negative battery post.

Upon initial connection, the device will analyze the condition and voltage of the vehicle battery unto which it is connected to determine if a jump start would be successful. The ability of the device to successfully start a vehicle is heavily dependent upon the condition of the primary vehicle battery; if the vehicle battery is very old, has been discharged for an extended period of time or otherwise damaged, jump starting may not be successful. **The minimum battery voltage is 2V for the device to successfully start the vehicle.**

Once battery condition and voltage checks are satisfied, 'READY' will display on the LCD (2) and the vehicle is now ready to be jump started. Crank the engine within 30 seconds of connection. Do not crank the engine for longer than 5 seconds each time. Allow the power pack to cool down for at least 30 seconds after each jumpstart and 10 minutes after 5 continuous starts.

Upon successful starting the jump cable can now be disconnected. Remove the black (-ve) clamp first, followed by the red (+ve) clamp. Leave the vehicle engine running for a period after disconnection to allow battery to be recharged.

## LCD DISPLAY

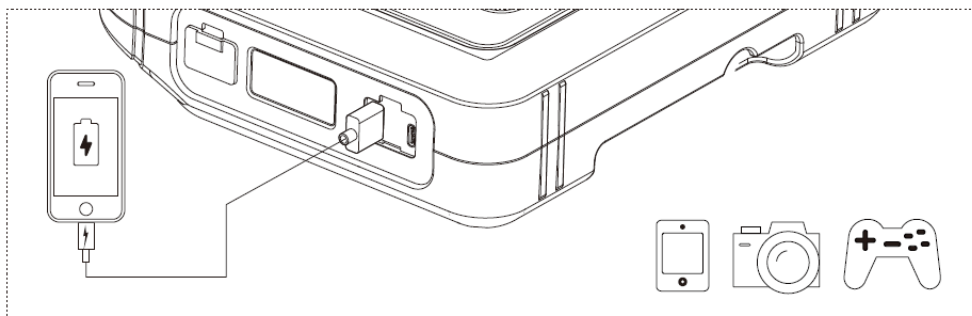


1. Reverse connection or connected to a battery which is  $<2V$
2. Charging icon (flashing indicates charging, solid icon indicates fully charged)
3. Vehicle battery voltage
4. Device battery capacity percentage
5. Cooling status
6. Ready to jumpstart

## CHARGING DEVICES VIA USB

A wide selection of portable devices such as mobile telephones, tablets and portable media devices can be charged via this device.

- Press and hold the power switch (6) for 3 seconds to turn on the device.
- Connect the device you wish to be charged to the USB output (10) using an appropriate cable. Charging will automatically start.
- The device supports a quick charge function if the USB cable & the device being charged are quick charge compatible.

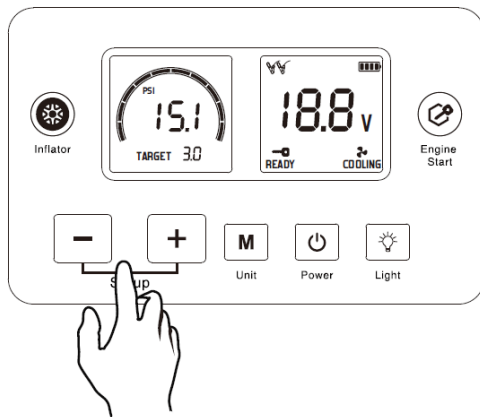


## LED FLASHLIGHT

This device features a multi-mode LED flashlight which is activated by pressing and holding the flashlight button (7) for 3 seconds. The operating mode of the flashlight can be changed by briefly pressing the same button; working light, flash light, SOS, Off.

## USING AS A COMPRESSOR

- Remove the air hose (15) from the storage location.
- Press and hold the power switch (6) for 3 seconds to turn on the device.
- Securely connect the screw on valve connector on the air hose (and an accessory if required) to the item to be inflated.
- To switch between the different units (PSI/ BAR or kPa) press the pressure unit button (5) until the required units are displayed.
- To operate the compressor without the pre-set function; press the inflate button (1). When the item is inflated press the same inflate button (1) to stop the compressor at any time.
- To operate the compressor with the pre-set function; press “+” or “-” pressure set buttons (4) until the required values are displayed.



- Press the inflate button (1) to start the compressor. When the item to be inflated has reached the pre-set value it will automatically turn off.
- Remove the valve connector from the item inflated and return the air hose (15) to the storage location.
- You may notice the actual pressure reading may drop after a couple of seconds, this is normal.
- **NOTE – please allow the compressor to cool down for 15 minutes after each 10 minutes of continuous operation.**

## SWITCHING OFF THE DEVICE

This device will be turned off automatically if not used within 2 minutes. Alternatively press and hold the power switch (6) for 3 seconds.

## TROUBLE SHOOTING

CODE	FAULT	ACTION
F1	Internal failure	Do not use
F2	Internal failure	Do not use
F3	Temperature <0°C	Charge in a warmer location over 0°C
F4	Internal failure	Make sure the supply adaptor used to charge the device is >5V 2A.

## TECHNICAL SPECIFICATIONS

Battery capacity	10,000mAh
Size	H x 240mm W x 210mm L x 65mm
Weight	1.6kg
Input	5V 2A
Output	12V Jumpstart/ 5V 3A/ 9V 2A/ 12V 1.5A
Starting current	400A
Peak current	800A
Charging time	Approx 5.5hrs
Pressure unit	PSI/ BAR/ KG/ CM <sup>2</sup>
Max compressor pressure	8.4 BAR/ 120PSI/ 8.4 KG/ CM <sup>2</sup>
Operating temperature	-20°C and 55°C.
Charging temperature	0°C and 40°C.

## ENVIRONMENTAL PROTECTION



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

### Declaration



This apparatus meets the requirements of:

EMC EN 61000-6-3; 2007+A1/ EN IEC 61000-6-1:2019/ EN IEC 55015:2019+A11/ EN 61547:2009

RoHS Directive (EU) 2015/863 amending 2011/65/EU

A handwritten signature in black ink, appearing to read 'S. Cole'.

Technical Manager, Maypole Ltd, May 2023

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