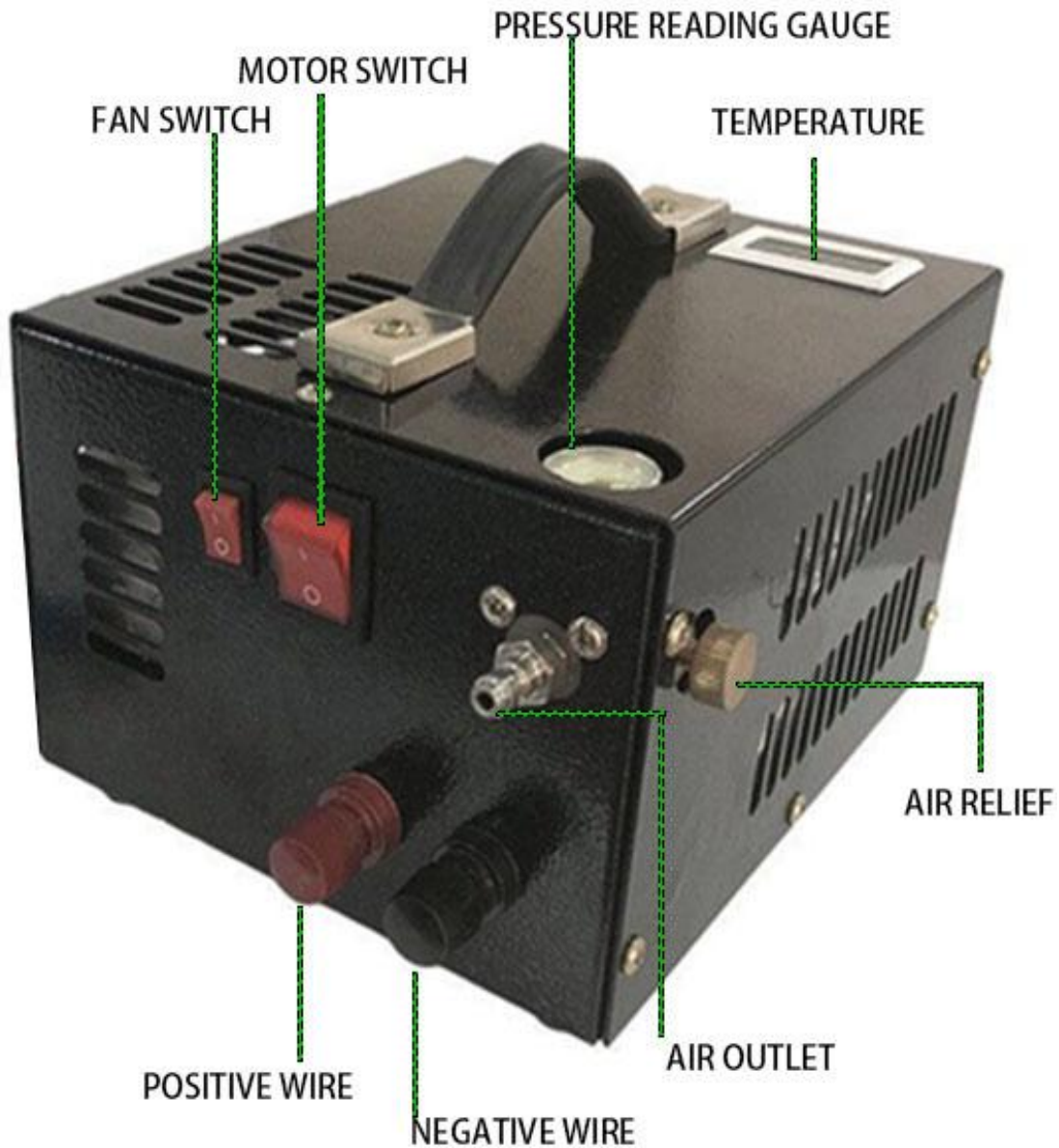


12V High Pressure Air Pump Specification Sheet

PRODUCT NAME AND COMPONENT

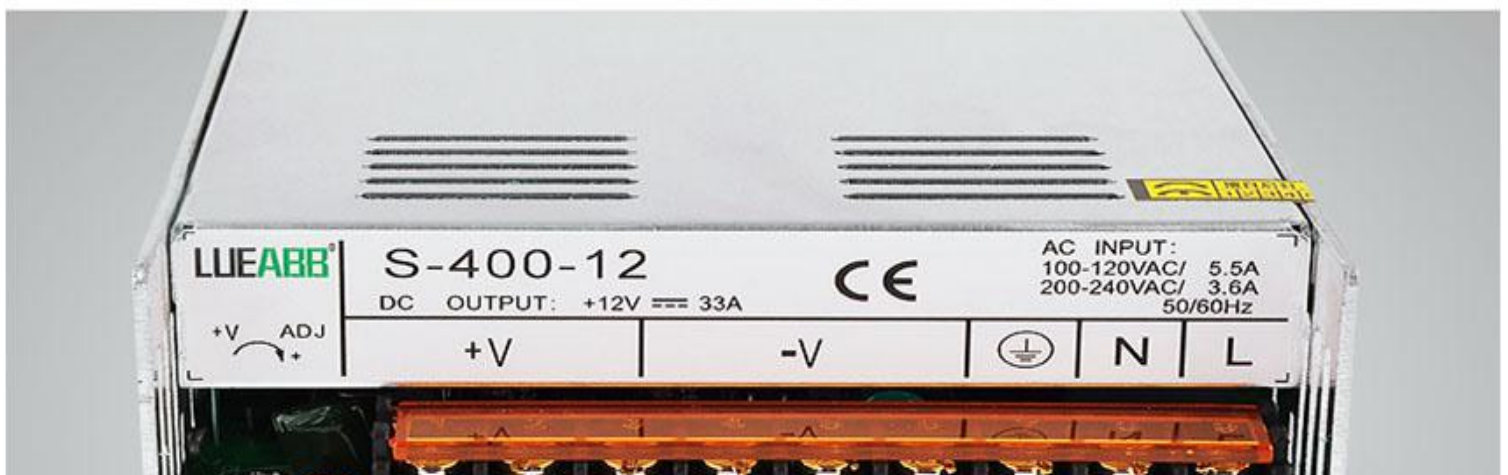


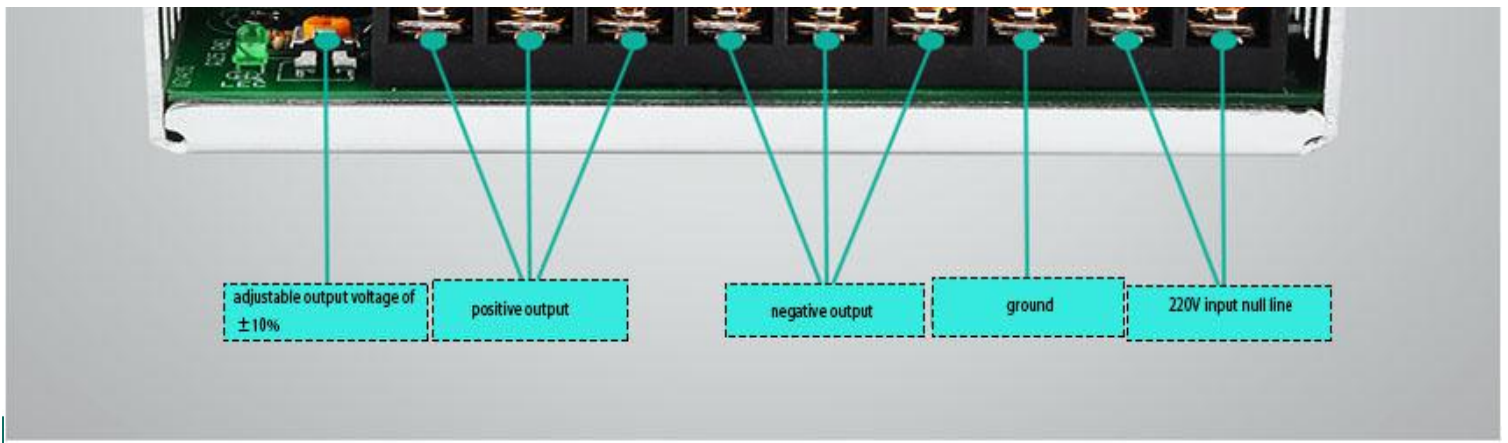
PRODUCT PARAMETER



| | |
|---------------------------|----------------------------------|
| Model: Electric air pump | Output Volume: 68L/MIN |
| Power: 300W | Working Pressure: 300bar/4500psi |
| Shut Down Model: manual | Drive: Electricity |
| Dimension: 19cm*16cm*12cm | Net Weight: 5.4kgs/11.9 pounds |
| Cooling Model: Air | |

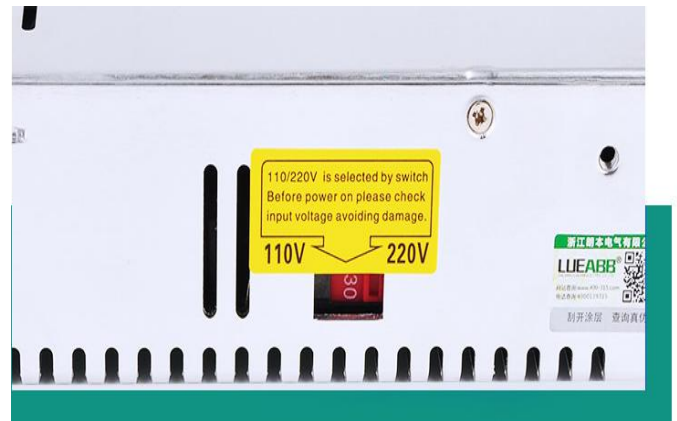
WIRING METHOD





Product Parameters

Longer switch power supply has 2 optional voltage inputs, i.e., AC110V and AC220V. Select switch to the corresponding voltage.



Instructions for use:

1. A 11.5-14V DC power supply is required.
2. The red terminal is positive (battery +) and black terminal is negative (battery -). Be sure to connect them correctly. Otherwise, the fan will not work, causing damage to the machine due to too high temperature.
3. The long-time operation is allowed when the fan runs properly and air comes in from the bottom normally.
4. Connect one end of the high-pressure hose to the air outlet of the machine, and tighten the relief screw.
5. The piston ring used has an automatic abrasion compensation function. It can recover sealing capability after short-term preheating process when working each time. Before operation, the accompanying pressure measuring choke plug can be used to plug up the air outlet of the high-pressure hose for 1-20MPa test, which can quickly preheat the machine and find possible abnormal operation of the machine at first time.
6. It is normal when the beginning operating temperature of the machine quickly rises by 60°C . It is only necessary to pay attention to keeping a single operation not

rises by 60°C. It is only necessary to pay attention to keeping a single operation not more than 30min or 90°C in daily use, so as to avoid long-time load operation from burning the motor.

7. The maximum pressure of the machine shall not exceed 30MPA. The life will be linearly reduced if the machine is used with overpressure. With all things considered, it is suggested that the safe operating pressure be 25MPA.

8. The machine must be started with 0 pressure. Upon completion of air inflation, immediately unscrew the relief valve to empty the high-pressure hose, to prevent long-time high temperature and high pressure from causing deformation to the check valve. Never remove the inflation head by force with pressure not emptied, otherwise, it will cause female head seal ring flyout and failure.

Notes:

1. Professional personnel must be on duty during use process, because high pressure is serious. Immediately shut down the machine and unscrew the relief valve if something is wrong. It is suggested to keep normal 25MPA pressure and lengthen the machine life maximumly.

2. The operating pressure shall be between 11.5-14V, a single operation shall not exceed 30min, and the cylinder temperature shall not exceed 95 °C (it may shut down the machine and start the fan only for cooling).

3. Make sure that the operation shall not exceed 1min when the fan does not work and the air inlet is kept out. Otherwise, it will cause serious damage.