

Guide to drive motor with LAPOND VFD

It has two control mode, V/F control mode and vector control mode, the factory default setting is VF control mode, the Vector control mode will have stronger low speed torque to overcome the low speed resistant and better low speed control performance, however, Vector control is very parameter sensitive, so the correct input your motor parameter and if the auto tuning can identify your system is key to the success.

Please choose one mode to set, We recommend to use VF control mode,

V/F control mode:

1. P0-01=2 V/F control mode
 2. Set the output frequency you expected, Please set in order and 3 parameters are the same:
 - P0.10 = ?Hz Set Maximum output frequency
 - P0.12 = ?Hz Set Frequency upper limit
 - P0.08 = ?Hz Set the preset output frequency
 3. P1-04= ? (HZ) Rated Frequency of Motor e.g: 60
- Then press run key, now it works!

Vector control mode::

1. Set the output frequency you expected, Please set in order and 3 parameters are the same:
 - P0.10 = ?Hz Set Maximum output frequency
 - P0.12 = ?Hz Set Frequency upper limit
 - P0.08 = ?Hz Set the preset output frequency
2. re-input the motor parameter,
 - a. P1-01 = ? (KW) Rated Power of Motor e.g: 2.2
 - b. P1-02 = ? (V) Rated Voltage Motor e.g: 220
 - c. P1-03 = ? (A) The motor rated current e.g: 7
 - d. P1-04 = ? (HZ) Rated Frequency of Motor e.g: 60
 - e. P1-05 = ? (RPM) Rated Speed of Motor e.g: 1750

After that , automatically tuning under no loading situation,

3. P1.37 = 1, Asynchronous motor static tuning, press the ENTER key confirmation, at this time, the keyboard shows TUNE, after finished, then Press " run" key.
Now it works!