

## How to download the new Isr file to drive ELD5-400

1. Pls download the Isr setting file to your laptop .
2. Open protuner like this below :

Leadshine ACHSeries (Offline)

Communication Display Tools Language Help

Parameter Manager

ReadFile SaveAs Unload Download Save ParameterCompare Reset Help

| Classify Select       | Parameter N... | ParameterName                        | Value | Range           | Default | Units        | Remark                      |
|-----------------------|----------------|--------------------------------------|-------|-----------------|---------|--------------|-----------------------------|
| BasicSetting          | Pr7.00         | Current loop gain                    | 600   | 100 ~ 5000      | 2000    | Hz           | No                          |
| GainAdjustment        | Pr7.01         | Current loop integral time           | 200   | 1 ~ 10000       | 20      | 0.1ms        | No                          |
| VibrationSuppression  | Pr7.02         | Motor rotor initial position Angl... | 330   | 0 ~ 360         | 0       | -            | Power off valid             |
| VelocityTorqueControl | Pr7.03         | Reserved parameter                   | 0     | 0 ~ 32767       | 0       | -            | Power off valid             |
| MonitorSetting        | Pr7.04         | Reserved parameter                   | 600   | 0 ~ 32767       | 0       | -            | Power off valid             |
| ExtensionSetting      | Pr7.05         | Motor pole pairs                     | 4     | 1 ~ 20          | 4       | -            | Power off valid             |
| SpecialSetting        | Pr7.06         | Motor phase resistor                 | 27    | 1 ~ 10000       | 100     | 0.01Ω        | Power off valid             |
| FactorySetting        | Pr7.07         | Motor D/Q inductance                 | 130   | 1 ~ 10000       | 700     | 0.01mH       | Power off valid             |
|                       | Pr7.08         | Motor back EMF coefficient           | 92    | 100 ~ 10000     | 1000    | 0.1V/(100... | Power off valid             |
|                       | Pr7.09         | Motor torque coefficient             | 149   | 1 ~ 1000        | 80      | 0.01N.m/A    | Power off valid             |
|                       | Pr7.10         | Motor rated speed                    | 3000  | 100 ~ 6000      | 2000    | r/min        | Power off valid             |
|                       | Pr7.11         | Motor Maximum speed                  | 5000  | 100 ~ 6000      | 2500    | r/min        | Power off valid             |
|                       | Pr7.12         | Motor rated current                  | 1201  | 1 ~ 3000        | 280     | 0.01A        | Power off valid             |
|                       | Pr7.13         | Motor rotor inertia                  | 34    | 1 ~ 32767       | 250     | 0.01Kg.cm2   | Power off valid             |
|                       | Pr7.14         | Motor power selection                | 400   | 10 ~ 32767      | 750     | W            | Power off valid             |
|                       | Pr7.15         | Motor model input                    | 0     | 0 ~ 7FFF        | 3       | -            | Hexadecimal,power off valic |
|                       | Pr7.16         | Encoder selection                    | 36    | 0 ~ 512         | 0       | -            | Power off valid             |
|                       | Pr7.17         | Motor maximum current                | 300   | 1 ~ 500         | 300     | %            | Power off valid             |
|                       | Pr7.18         | Encoder Index Angle compen...        | 150   | 0 ~ 360         | 0       | -            | No                          |
|                       | Pr7.19         | Reserved parameter                   | 550   | 0 ~ 500         | 0       | -            | No                          |
|                       | Pr7.20         | Drive model input                    | 0     | FFFF8001 ~ 7FFF | 0       | -            | Hexadecimal, power off val  |
|                       | Pr7.21         | Servo model input                    | 150   | -32767 ~ 32767  | 0       | -            | Power off valid             |
|                       | Pr7.22         | Reserved parameter                   | -185  | -1000 ~ 1000    | 0       | -            | Power off valid             |
|                       | Pr7.23         | Reserved parameter                   | 0     | -9000 ~ 9000    | 0       | -            | Power off valid             |
|                       | Pr7.24         | Fan control mode setting             | 0     | 0 ~ 1           | 0       | -            | Power off valid             |

Add Custom

Description: 100%

3. Click "readfile" : , then find the file from your laptop like below :

Leadshine ACHSeries (Offline)  
Communication Display Tools Language Help

Parameter Manage

ReadFile SaveAs Unload Download Save ParameterCompare Reset Help

Classify Select

- BasicSetting
- GainAdjustment
- VibrationSuppression
- VelocityTorqueControl
- MonitorSetting
- ExtensionSetting
- SpecialSetting
- FactorySetting

| Parameter N... | ParameterName                 | Value | Range        | Default | Units        | Remark                       |
|----------------|-------------------------------|-------|--------------|---------|--------------|------------------------------|
| Pr7.00         | Read parameter list           |       |              |         | Hz           | No                           |
| Pr7.01         |                               |       |              |         | 0.1ms        | No                           |
| Pr7.02         |                               |       |              |         |              | Power off valid              |
| Pr7.03         |                               |       |              |         |              | Power off valid              |
| Pr7.04         |                               |       |              |         |              | Power off valid              |
| Pr7.05         |                               |       |              |         |              | Power off valid              |
| Pr7.06         |                               |       |              |         | 0.01Ω        | Power off valid              |
| Pr7.07         |                               |       |              |         | 0.01mH       | Power off valid              |
| Pr7.08         |                               |       |              |         | 0.1V/(100... | Power off valid              |
| Pr7.09         | ACM604V60-T-2500_ELD5-400.lsr |       |              |         | 0.01N.m/A    | Power off valid              |
| Pr7.10         |                               |       |              |         | r/min        | Power off valid              |
| Pr7.11         |                               |       |              |         | r/min        | Power off valid              |
| Pr7.12         |                               |       |              |         | 0.01A        | Power off valid              |
| Pr7.13         |                               |       |              |         | 0.01Kg.cm2   | Power off valid              |
| Pr7.14         |                               |       |              |         | W            | Power off valid              |
| Pr7.15         |                               |       |              |         |              | Hexadecimal, power off valid |
| Pr7.16         |                               |       |              |         |              | Power off valid              |
| Pr7.17         |                               |       |              |         | %            | Power off valid              |
| Pr7.18         |                               |       |              |         |              | No                           |
| Pr7.19         |                               |       |              |         |              | No                           |
| Pr7.20         |                               |       |              |         |              | Hexadecimal, power off valid |
| Pr7.21         |                               |       |              |         |              | Power off valid              |
| Pr7.22         | Reserved parameter            | -185  | -1000 ~ 1000 | 0       |              | Power off valid              |
| Pr7.23         | Reserved parameter            | 0     | -9000 ~ 9000 | 0       |              | Power off valid              |
| Pr7.24         | Fan control mode setting      | 0     | 0 ~ 1        | 0       |              | Power off valid              |

Find range (I): 电机配置参数

| 名称   | 修改日期              | 类型     |
|--|-------------------|--------|
| <input type="checkbox"/> ACM604V48-T-2500.lsr          | 3/1/2019 9:16 PM  | LSR 文件 |
| <input type="checkbox"/> ACM604V60-T-2500.lsr          | 3/27/2019 2:46 PM | LSR 文件 |
| <input type="checkbox"/> ACM604V60-T-2500_ELD5-400.lsr | 3/27/2019 3:40 PM | LSR 文件 |
| <input type="checkbox"/> ACM804V24HM-2500_PH           | 3/27/2019 9:16 PM | LSR 文件 |
| <input type="checkbox"/> ACM4005V24H-B5.lsr            | 3/27/2019 9:16 PM | LSR 文件 |
| <input type="checkbox"/> ACM4010V24H-B5.lsr            | 3/27/2019 9:16 PM | LSR 文件 |
| <input type="checkbox"/> ACM6020V24H-B5.lsr            | 3/27/2019 6:22 PM | LSR 文件 |

文件名(N): ACM604V60-T-2500\_ELD5-400

文件类型(T): lsr Files (\*.lsr)

打开(O) 取消

Description: 100%

4. Then click "download"

Leadshine ACHSeries (Offline)

Communication Display Tools Language Help

Parameter Manage

ReadFile SaveAs Unload **Download** Save ParameterCompare Reset Help

| Parameter N... | ParameterName                      | Value | Range     | Default | Units    | Remark          |
|----------------|------------------------------------|-------|-----------|---------|----------|-----------------|
| Pr0.00         | Mode loop gain                     | 1     | 0 ~ 32767 | 1       | 0.1Hz    | No              |
| Pr0.01         | Control mode                       | 20    | 20 ~ 39   | 0       | -        | Power off valid |
| Pr0.02         | Real-time auto-gain tuning mo...   | 2     | 0 ~ 2     | 0       | -        | No              |
| Pr0.03         | Selection of machine stiffness ... | 70    | 50 ~ 81   | 70      | -        | No              |
| Pr0.04         | Ratio of inertia                   | 250   | 0 ~ 10000 | 250     | %        | No              |
| Pr0.05         | Command pulse input selection      | 0     | 0 ~ 1     | 0       | -        | No              |
| Pr0.06         | command pulse rotational dir...    | 1     | 0 ~ 1     | 0       | -        | Power off valid |
| Pr0.07         | Command pulse input mode s...      | 0     | 0 ~ 3     | 3       | -        | Power off valid |
| Pr0.08         | Command pulse counts per o...      | 0     | 0 ~ 32767 | 0       | Pulse    | Power off valid |
| Pr0.09         | 1st numerator of electronic gear   | 1     | 1 ~ 32767 | 1       | -        | No              |
| Pr0.10         | Denominator of electronic gear     | 1     | 1 ~ 32767 | 1       | -        | No              |
| Pr0.11         | Output pulse counts per one m...   | 2500  | 1 ~ 2500  | 2500    | P/rev    | Power off valid |
| Pr0.12         | Reversal of pulse output logic     | 0     | 0 ~ 1     | 0       | -        | Power off valid |
| Pr0.13         | 1st torque limit                   | 300   | 0 ~ 500   | 300     | -        | No              |
| Pr0.14         | Position deviation setup           | 200   | 0 ~ 500   | 200     | 0.1rev   | Encoder unit    |
| Pr0.15         | Absolute encoder setup             | 0     | 0 ~ 2     | 0       | -        | No              |
| Pr0.16         | Extenal regenerative resistor ...  | 50    | 10 ~ 500  | 50      | $\Omega$ | Power off valid |
| Pr0.17         | Regeneration discharge resis...    | 50    | 10 ~ 5000 | 50      | W        | Power off valid |
| Pr0.18         | Vibration suppression - N after... | 0     | 0 ~ 1000  | 10      | Pulse    | Encoder unit    |
| Pr0.19         | Microseismic inhibition            | 0     | 0 ~ 1000  | 10      | 0.1Pulse | Encoder unit    |
| Pr0.20         | Reserved parameter                 | 0     | 0 ~ 32767 | 0       | -        | No              |
| Pr0.21         | Reserved parameter                 | 0     | 0 ~ 32767 | 0       | -        | No              |
| Pr0.22         | Reserved parameter                 | 0     | 0 ~ 32767 | 0       | -        | No              |
| Pr0.23         | Reserved parameter                 | 0     | 0 ~ 32767 | 0       | -        | No              |

Classification: BasicSetting, GainAdjustment, VibrationSuppression, VelocityTorqueControl, MonitorSetting, ExtensionSetting, SpecialSetting, **FactorySetting**

Add Custom

Description: 100%

5. Then click "save" :

Leadshine ACHSeries (Offline)

Communication Display Tools Language Help

Parameter Manage

ReadFile SaveAs Unload Download Save ParameterCompare Reset Help

Classify Select

- BasicSetting
- GainAdjustment
- VibrationSuppression
- VelocityTorqueControl
- MonitorSetting
- ExtensionSetting
- SpecialSetting
- FactorySetting

| Parameter N... | ParameterName                      | Value | Range     | Default | Units    | Remark          |
|----------------|------------------------------------|-------|-----------|---------|----------|-----------------|
| Pr0.00         | Mode loop gain                     | 1     | 0 ~ 32767 | 1       | 0.1Hz    | No              |
| Pr0.01         | Control mode                       | 20    | 20 ~ 39   | 0       | -        | Power off valid |
| Pr0.02         | Real-time auto-gain tuning mo...   | 2     | 0 ~ 2     | 0       | -        | No              |
| Pr0.03         | Selection of machine stiffness ... | 70    | 50 ~ 81   | 70      | -        | No              |
| Pr0.04         | Ratio of inertia                   | 250   | 0 ~ 10000 | 250     | %        | No              |
| Pr0.05         | Command pulse input selection      | 0     | 0 ~ 1     | 0       | -        | No              |
| Pr0.06         | command pulse rotational dir...    | 1     | 0 ~ 1     | 0       | -        | Power off valid |
| Pr0.07         | Command pulse input mode s...      | 0     | 0 ~ 3     | 3       | -        | Power off valid |
| Pr0.08         | Command pulse counts per o...      | 0     | 0 ~ 32767 | 0       | Pulse    | Power off valid |
| Pr0.09         | 1st numerator of electronic gear   | 1     | 1 ~ 32767 | 1       | -        | No              |
| Pr0.10         | Denominator of electronic gear     | 1     | 1 ~ 32767 | 1       | -        | No              |
| Pr0.11         | Output pulse counts per one m...   | 2500  | 1 ~ 2500  | 2500    | P/rev    | Power off valid |
| Pr0.12         | Reversal of pulse output logic     | 0     | 0 ~ 1     | 0       | -        | Power off valid |
| Pr0.13         | 1st torque limit                   | 300   | 0 ~ 500   | 300     | -        | No              |
| Pr0.14         | Position deviation setup           | 200   | 0 ~ 500   | 200     | 0.1rev   | Encoder unit    |
| Pr0.15         | Absolute encoder setup             | 0     | 0 ~ 2     | 0       | -        | No              |
| Pr0.16         | Extenal regenerative resistor ...  | 50    | 10 ~ 500  | 50      | $\Omega$ | Power off valid |
| Pr0.17         | Regeneration discharge resis...    | 50    | 10 ~ 5000 | 50      | W        | Power off valid |
| Pr0.18         | Vibration suppression - N after... | 0     | 0 ~ 1000  | 10      | Pulse    | Encoder unit    |
| Pr0.19         | Microseismic inhibition            | 0     | 0 ~ 1000  | 10      | 0.1Pulse | Encoder unit    |
| Pr0.20         | Reserved parameter                 | 0     | 0 ~ 32767 | 0       | -        | No              |
| Pr0.21         | Reserved parameter                 | 0     | 0 ~ 32767 | 0       | -        | No              |
| Pr0.22         | Reserved parameter                 | 0     | 0 ~ 32767 | 0       | -        | No              |
| Pr0.23         | Reserved parameter                 | 0     | 0 ~ 32767 | 0       | -        | No              |

Add Custom

Description: 100%

6. Then the setting file of drive has been covered with this new lsr file , then pls restart the power , then the setting will be suitable for your application .