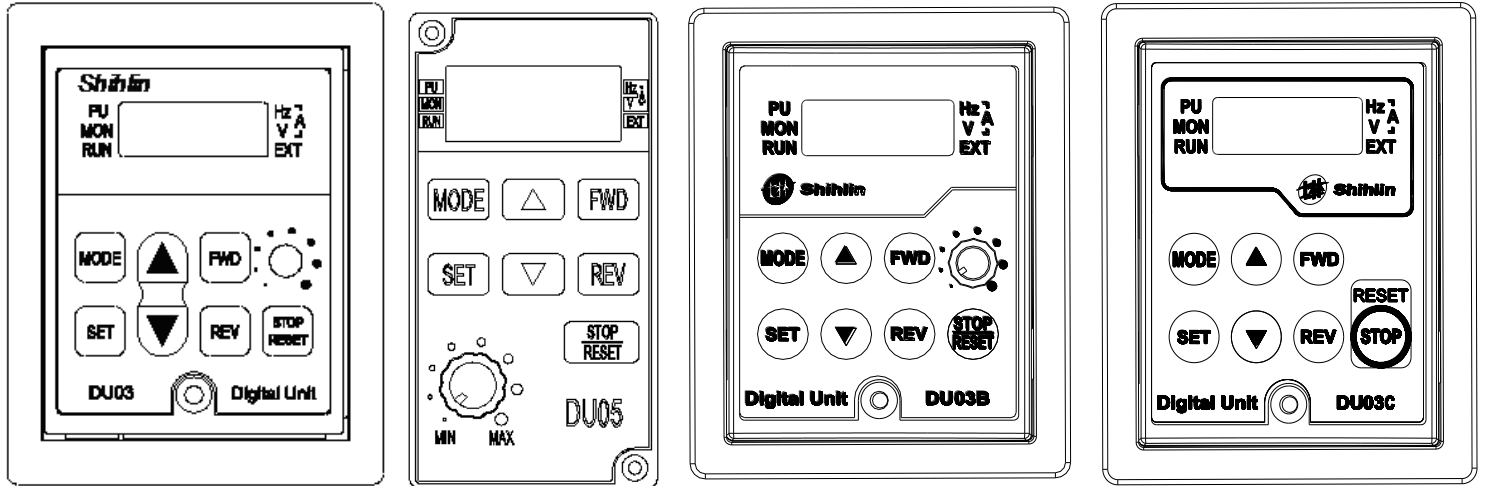


Instruction Manual for DU Operation Panel (Apply to SS/SE/SE2 Series Inverter)

Operation panel:



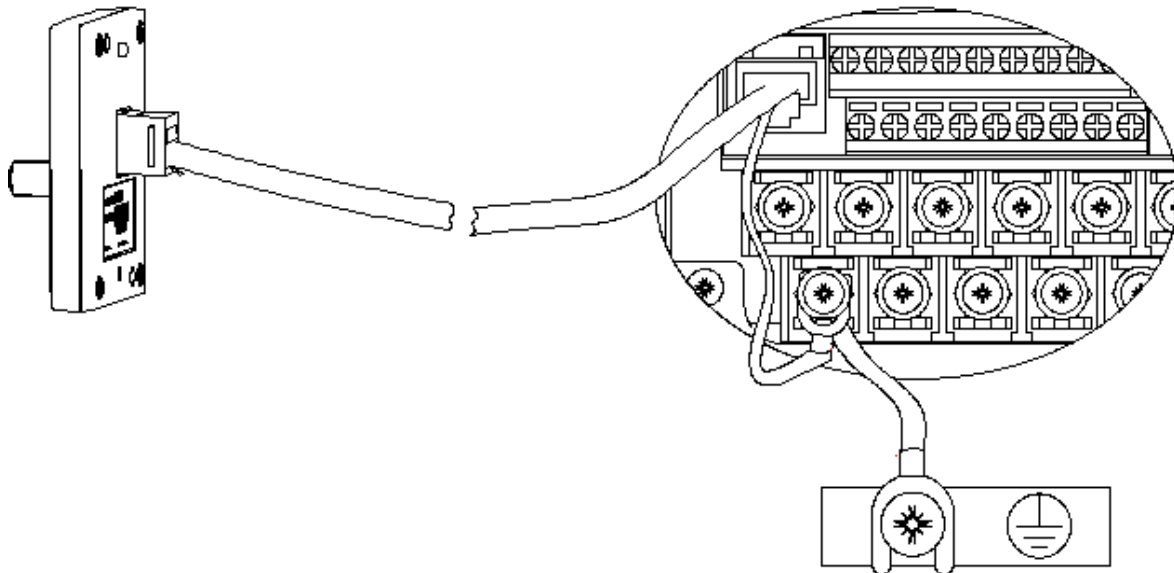
DU03

DU05

DU03B

DU03C

Wiring Instruction for Data Line :

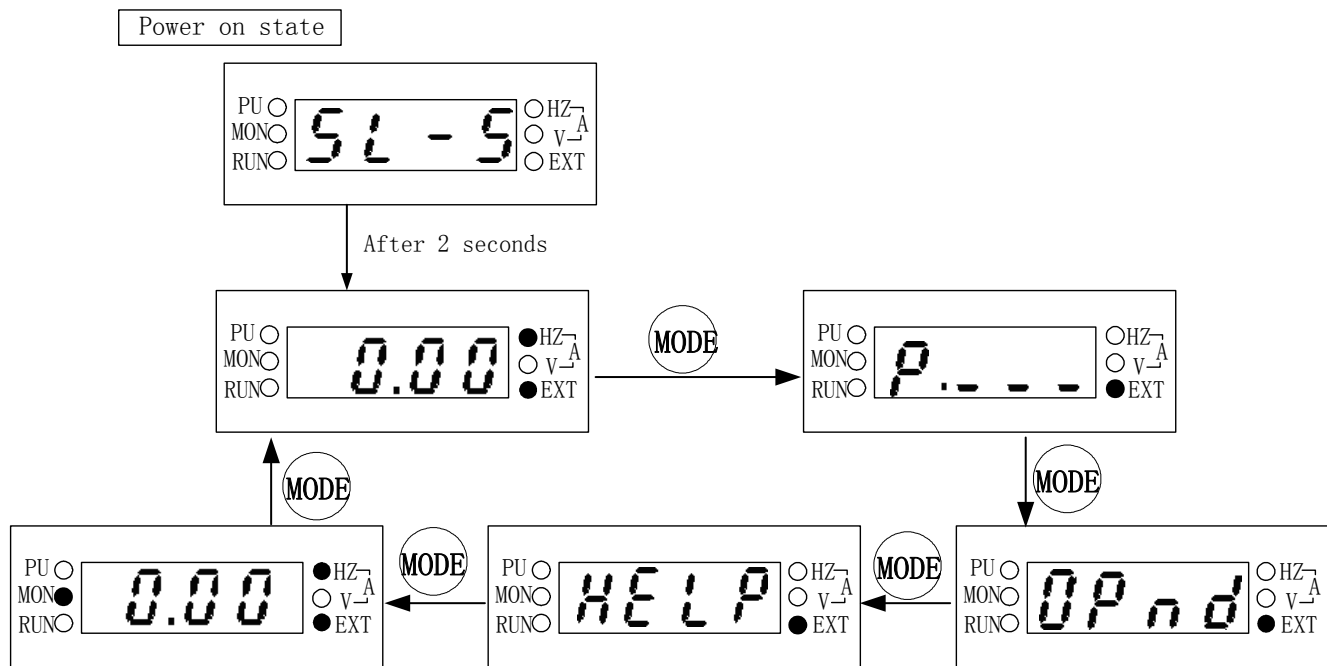


Warning: make sure that the ground point of the inverter is well connected to the ground.

1-1 Working Modes of the Operation Panel

The operation panel can be used to monitor the output frequency, output voltage and output current, and to browse the alarm information, set parameters and target frequency, etc. Therefore, there are totally five working modes for an operation panel: monitoring mode, frequency setting mode, parameter setting mode, operating mode and alarm mode.

1-1-1 The Flow Chart for Transferring Working Modes



(Note 1) Please refer to the section 1-1-2 for the detailed operation flow of monitoring mode.

(Note 2) Please refer to the section 1-1-3 for the detailed operation flow of frequency setting mode.

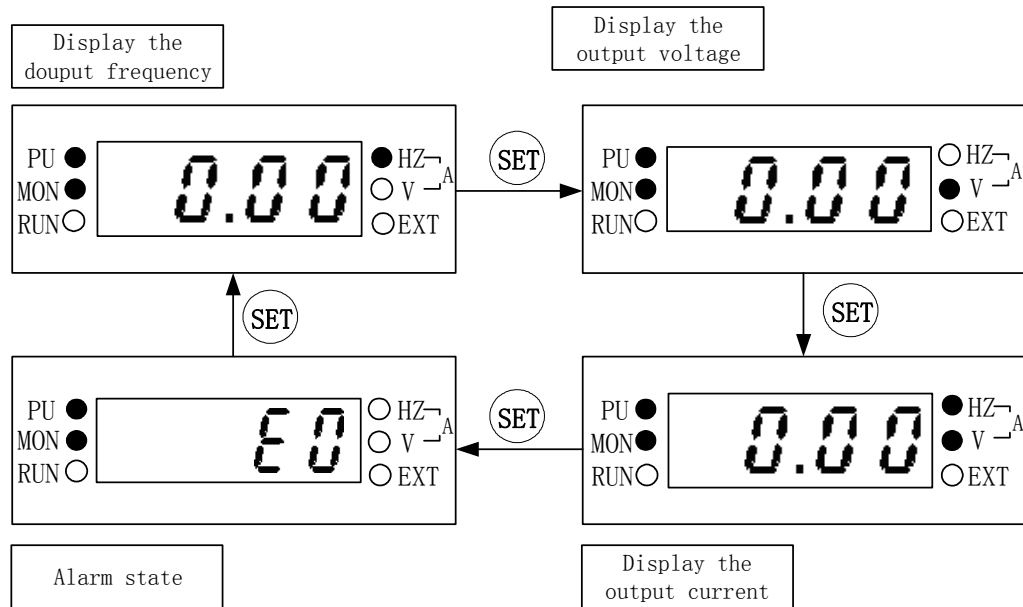
(Note 3) Please refer to the section 1-1-4 for the detailed operation flow of parameter setting mode.

(Note 4) Please refer to the section 1-1-5 for the detailed operation flow of switching operation mode.

(Note 5) Please refer to the section 1-1-6 for the detailed operation flow of HELP mode.

1-1-2 The flow chart for monitoring mode

Taking the PU mode for example:

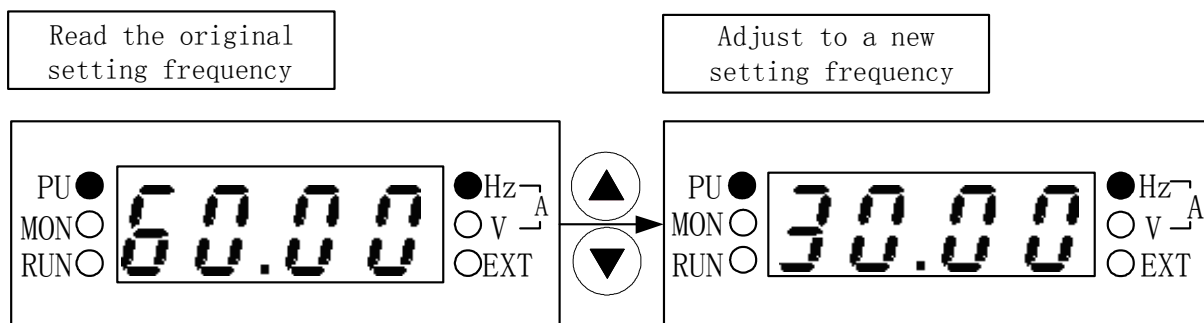


(Note 1)

1. 「monitor the output frequency」, the indicator light **MON** and **Hz** will be lit, and the screen will display the output frequency.
2. 「monitor the output voltage」, the indicator light **MON** and **V** will be lit, and the screen will display the output voltage.
3. 「monitor the output current」, the indicator light **MON**, **Hz** and **V** will be lit, and the screen will display the output current.
4. 「browse the alarm information」, the indicator light **MON** will be lit, and the screen will display the alarm code. The maximum number of alarm information is 4.

(Note 2) Please refer to the instruction manual of each series Shihlin inverter for the alarm code.

1-1-3 The flow chart for frequency setting mode



(Note) Modify the frequency with ▲ ▼ when the inverter is running.

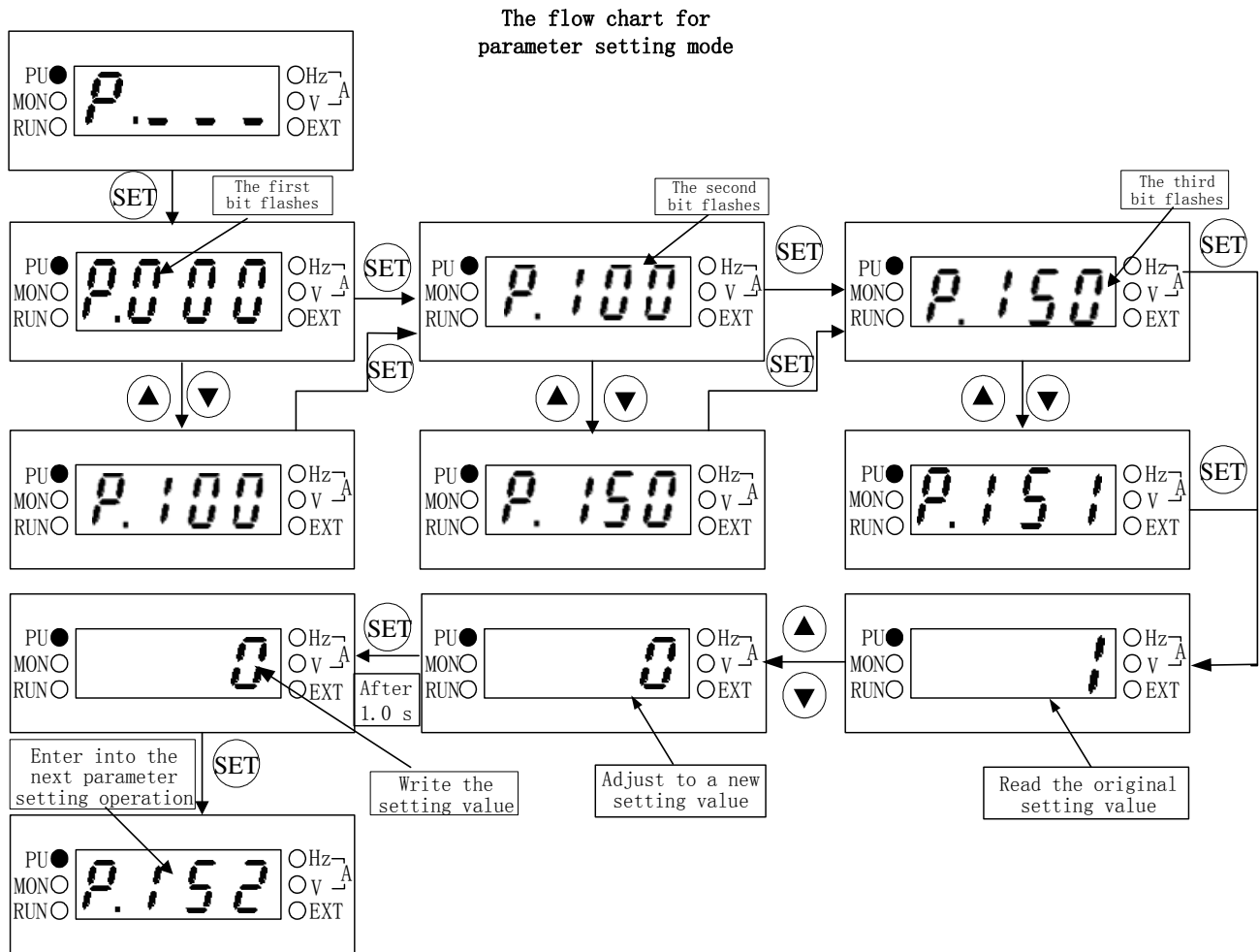
(Note) In the mode of setting frequency, the indicator light ●Hz will be lit, and the indicator light MON● will not be lit.

(Note) The setting frequency should not be larger than the upper limit frequency, and the upper limit frequency should be modified firstly when the high frequency running is needed.

(Note) When P.59=0, we can also modify the frequency by the knob on operation panel (except for DU03C), and the range of setting frequency by knob is depend on P.38. Please refer to the chapter 4 of SS/SE/SE2 series instruction manual for the detailed instruction on P.59.

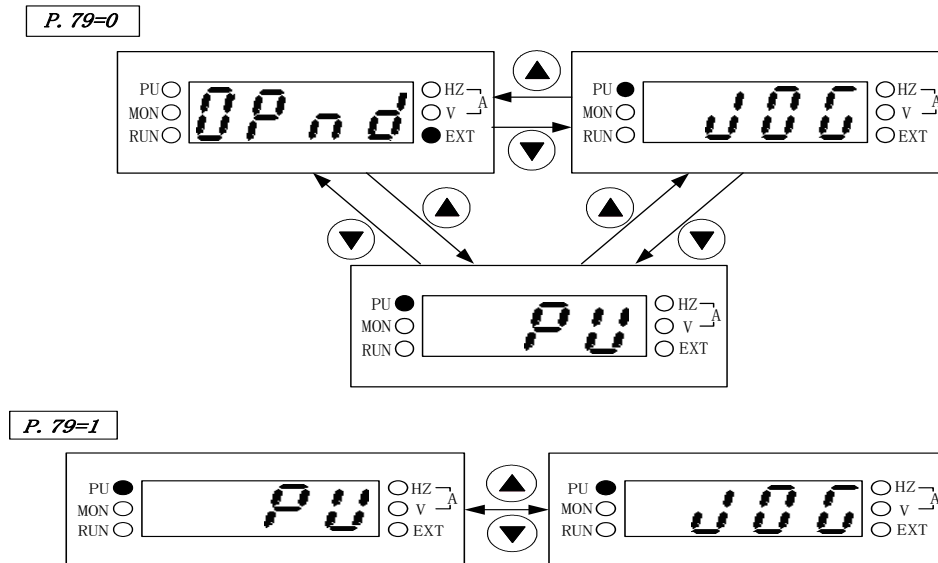
1-1-4 The flow chart for parameter setting mode

Taking the PU mode for example:



(Note) In the mode of parameter setting, the indicator light ●Hz and MON● will not be lit.

1-1-5 The flow chart for switching the operation mode

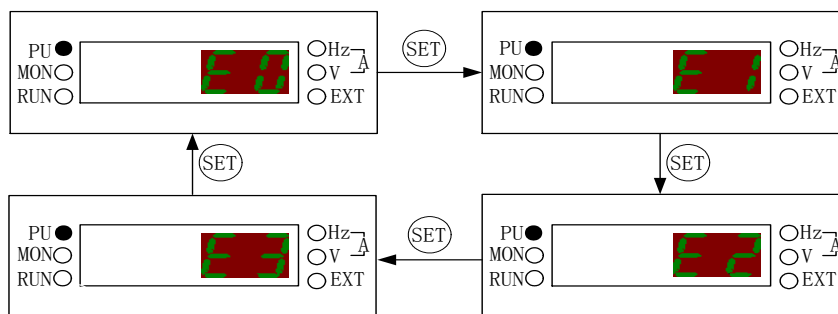


(Note 1)

1. In the PU mode, the indicator light **PU** on operation panel will be lit.
2. In the external mode, the indicator light **EXT** on operation panel will be lit.
3. In the combined mode 1,2,3,4 and 5, the indicator light **PU** on operation panel will flash.
4. In the JOG mode, the indicator light **PU** will be lit and the screen will display **JOG** when motor is not running.

(Note 2) When P.79=2, 3, 4, 5, 6, 7 or 8, there is no flow chart for switching the operation mode, because the operation mode is changeless.

1-1-6 The flow chart for HELP mode



Others

To improve our products, the parameters and contents may be modified, please contact the agent or refer to Shihlin websites(<http://automation.seec.com.tw/>) to download the latest version.

