

***USER GUIDE FOR  
4 MODE OF THE  
KEYPAD (BIG SCREEN)  
OF EI-SUPER N***

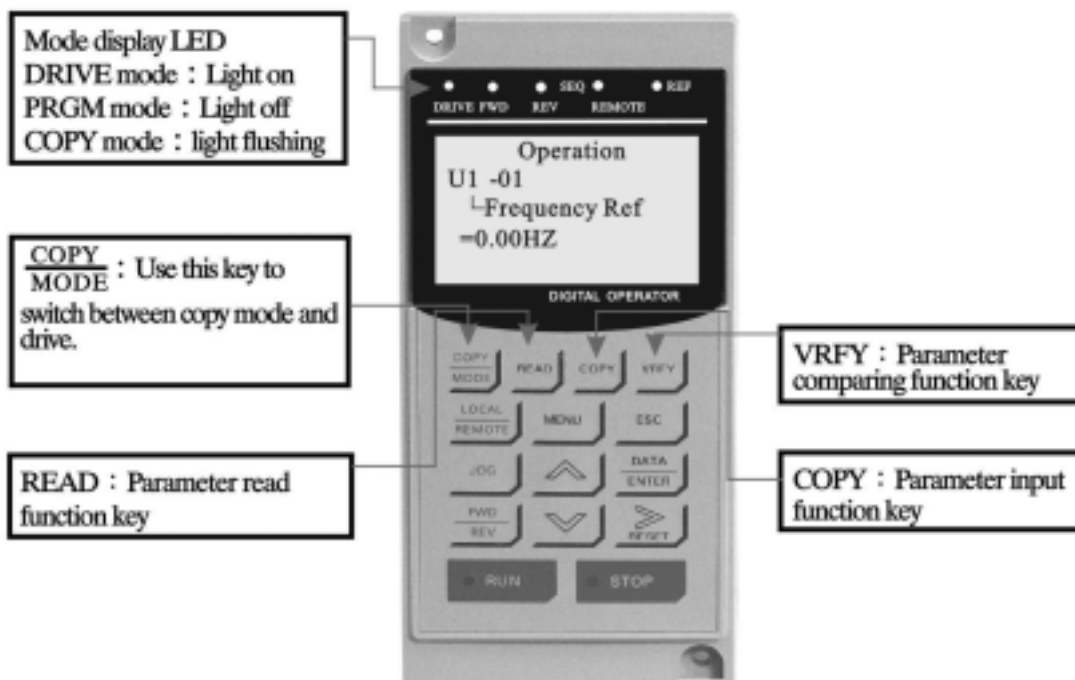
**USER GUIDE FOR 4 MODE OF THE KEYPAD OF EI-SUPER N**

**1. SPECIFICATION OF COPY MODE**

- (1) Use E<sup>2</sup>PROM to save IC information instead of back-up power in case losing date.
- (2) To enter or copy parameter, the capacity of the inverter has to be the same as SUPER N
- (3) COPY MODE can be operation from the keypad, and it has the following function:
  - READ : Parameter is readable from the inverter and allow to write into the E<sup>2</sup>PROM ◦
  - COPY : Save the parameter to the keypad and input to the inverter.
  - VRFY : Automatically adjusting parameter to be the same value by automatic comparing function.
- (4) Parameter memories can only reciepnce one unit of inverter's parameter.

**2. COPY MODE USER MANUAL:**


There are 4-function keys of COPY MODE, which are:  $\frac{\text{COPY}}{\text{MODE}}$  , READ , COPY , VRFY.





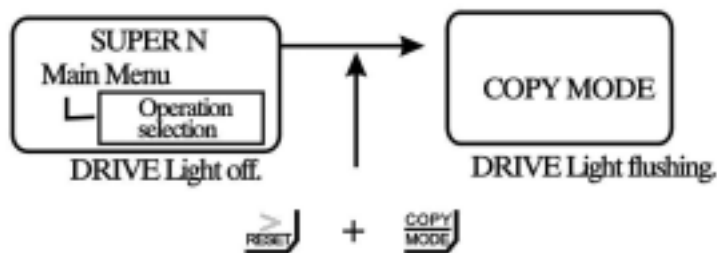
### 3. OPERATION




After power on, the keypad displays on Drive Mode, Drive light on.


#### 3.1 COPY MODE USER GUIDE:

 <b>DANGER</b>
While switch copy mode, the control circuit terminal must turn off. It is dangers to switching the function when motor is in running.

COPY MODE can switch from Drive Mode (Drive light on), when switching, Please press the  first and than press  to COPY MODE (Drive light flashing).



DESCRIPTION	KEY OPERATION	LED DISPLAY
● DRIVE MODE		SUPER N Main Menu └─┬─┘ Operation selection
● COPY MODE switching	 + 	└─┬─┘ Operation selection COPY MODE Inverter ready


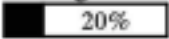
From COPY MODE switch to DRIVE MODE , and than press  key.

### 3.2 COPY MODE OPERATION GUIDE

#### (1) CD (READ)

Read all parameter from inverter, and write into the keypad's E<sup>2</sup>PROM function call(READ). When read it also automatically delete the keypad's E<sup>2</sup>PROM parameter and replacing by the next.

Example: read parameter from the inverter


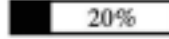
DESCRIPTION	KEY OPERATION	LED DISPLAY
<ul style="list-style-type: none"> <li>● COPY MODE condition.</li> </ul>		COPY MODE Inverter ready.
<ul style="list-style-type: none"> <li>● READ to execute.</li> </ul>		COPY MODE Reading  20%
<ul style="list-style-type: none"> <li>● READ to finish.</li> </ul>		COPY MODE READ OK

#### (2) Enter (COPY)

The function of input the parameter of the E<sup>2</sup>PROM from the keypad Call (COPY).

Each input parameter has to be the same capacity of the inverter to operation.


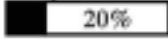
Example: Input inverter parameter

DESCRIPTION	KEY OPERATION	LED DISPLAY
<ul style="list-style-type: none"> <li>● COPY MODE condition</li> </ul>		COPY MODE Inverter ready.
<ul style="list-style-type: none"> <li>● COPY to execute</li> </ul>		COPY MODE Writing  20%
<ul style="list-style-type: none"> <li>● COPY to finish</li> </ul>		COPY MODE WRITE OK

(3) Comparing (VRFY)

The function for comparing and automatically adjusting the parameter from the E<sup>2</sup>PROM of keypad with inverter's parameter call (VRFY), this function is available for same capacity of the inverter only.

Example:

DESCRIPTION	KEY OPERATION	LED DISPLAY
● COPY MODE condition		COPY MODE Inverter ready
● VRFY to execute		COPY MODE Verify 
● VRFY to finish		COPY MODE VERIFY OK

**4 ERROR MESSAGE**

- (1) COPE 00 Inverter abnormality  
Inv Status fault
- (2) COPE 02 Inside E<sup>2</sup>PROM of the keypad  
EEPROM fault trouble
- (3) COPE 03 Inside E<sup>2</sup>PROM of the keypad  
Empty data no date.
- (4) COPE 04 Inverter capacity fault  
Capacity fault



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