

3.1 How to Set the Setup Menu

Warning



Mandatory
action

- If incorrect setting, the drive will have some damage or unexpected movement. Be sure to set the setup menu correctly.

Set the setup menu according to the base frequency and the base frequency voltage of the motor connected. (If you are not sure which region code of setup menu should be selected and what values should be specified, consult your Toshiba distributor.)

Each setup menu automatically sets all parameters relating to the base frequency and the base frequency voltage of the motor connected. (See the table on the following page.)

Follow these steps to change the setup menu [Example: Selecting a region code to *EU*]

Panel operated	LED display	Operation
	<i>SEt</i>	<i>SEt</i> is blinking
	<i>EU</i> <i>JP</i> <i>RS 1R</i> <i>USA</i>	Turn the setting dial, and select region code " <i>EU</i> " (Europe).
	<i>EU ⇄ in it</i>	Press the center of the setting dial to determine the region.
	<i>0.0</i>	The operation frequency is displayed (Standby).

- If you want to change the selected region by the setup menu, the setup menu will appear by the following settings. Please note, however, that all setting parameters return to status of default setting and the trip history data is cleared.
 - Set parameter *SEt* to "*0*".
 - Set parameter *tYP* to "*13*".
- The parameter settings in the table on the following page can be changed individually even after they are selected in the setup menu.

■ Values set by each setup parameter

Title	Function		<i>EU</i> (Mainly in Europe)	<i>USA</i> (Mainly in North America)	<i>ASIA</i> (Mainly in Asia, Oceania) Note 1)	<i>JP</i> (Mainly in Japan)
<i>ULUL170/</i> <i>F204IF213/</i> <i>F219IF330/</i> <i>F367IF814</i>	Frequency		50.0(Hz)	60.0(Hz)	50.0(Hz)	60.0(Hz)
<i>ULU/</i> <i>F171</i>	Base frequency voltage 1, 2	240V class	230(V)	230(V)	230(V)	200(V)
		500V class	400(V)	460(V)	400(V)	400(V)
<i>Pt</i>	V/F control mode selection		0	0	0	2
<i>F307</i>	Supply voltage correction (output voltage limitation)		2	2	2	3
<i>F319</i>	Regenerative over-excitation upper limit		120	120	120	140
<i>F417</i>	Motor rated speed		1410(min ⁻¹)	1710(min ⁻¹)	1410(min ⁻¹)	1710(min ⁻¹)

Note 1) Excludes Japan.
Note 2) Slide switch SW1 is set to PLC side at default setting. Set it appropriately according to the logic used.
Refer to page B-11 to 13 for details.