

TOSHIBA

Toshiba PWU003Z Instruction Manual

Multi-loader parameter writer

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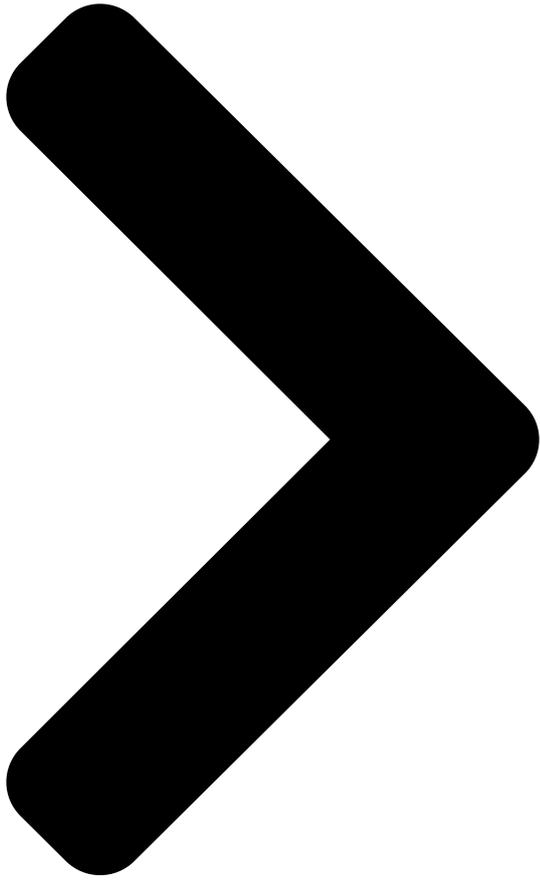
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Parameter writer Instruction Manual

1. Make sure that this instruction manual is delivered to the end user of Parameter writer.
2. Read this manual before installing or operating Parameter writer, and store it in a safe place for reference.
3. All information contained in this manual is subject to change without notice. Please confirm the latest information on Toshiba inverter web site "http://www.inverter.co.jp/index_e.htm".

Multi-Loader

PWU003Z

Notice

E6581680③

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[Inverter Toshiba PWU003Z Instruction Manual](#)

Multi-loader, parameter writer (25 pages)

Summary of Contents for Toshiba PWU003Z

[Page 1](#) 2. Read this manual before installing or operating Parameter writer, and store it in a safe place for reference. 3. All information contained in this manual is subject to change without notice. Please confirm the latest information on Toshiba inverter web site "http://www.inverter.co.jp/index_e.htm".

[Page 2: Safety Precautions](#)

E6581680 Safety precautions The items described in the instruction manual and on the inverter itself are very important so that you can use safely the inverter, prevent injury to yourself and other people around you as well as to prevent damage to property in the area.

[Page 3](#) Continuous use of the Parameter writer in such a state will cause fire. If the Parameter writer is left to be turned on in that state, it can cause fire. Contact your Toshiba distributor for repairs. Mandatory Operate under the environmental conditions prescribed in this instruction manual.

[Page 4](#) E6581680 □ Operations Warning Do not touch switches when the hands are wet and do not try to clean the inverter with a damp cloth. This will result in electric shock. Prohibited Make sure to check that the parameter data from the inverter is not accidentally copied to the wrong inverter.

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11 4.2.

[Page 6: Setup Procedure](#)

E6581680 1. Setup procedure Parameter writer Thank you for purchasing (PWU003Z) for TOSVERT series inverters. Parameter writer Before using , carefully read this instruction manual in order to completely and correctly utilize Parameter writer's excellent performance. After reading this instruction manual, please keep it handy for future reference.

[Page 7: Introduction](#)

E6581680 2. Introduction The Parameter writer "PWU003Z" is a standalone tool for transferring configuration files to inverters with their power on or off. •The Parameter writer is used to set inverter parameters by loading a configuration file onto the inverter(s).

[Page 8: Receipt Of The Parameter Writer](#)

Check that the product reference printed on the label is the same as that on the delivery note. This should also correspond with the number on the purchase order. Contents of the Parameter writer box (PWU003Z) : Check that the Parameter writer box contains the following:...

[Page 9: Presentation](#)

E6581680 3.1. Presentation 27.4 TOSHIBA (mm) Figure 1 Approximate weight 250 g (including batteries)

[Page 10: Description](#)

E6581680 3.2. Description TOSHIBA Figure 2 Letter Description Comments The connection between the Parameter writer (USB Mini-B USB connector Mini-B type) and the PC (USB type A) is via a 1 m (3.28 feet) USB type A to Mini-B cable.

[Page 11](#) E6581680 Data storage One SD card is supplied with the Parameter writer. Standard SD card and SDHC card are compatible with the explanation). Make sure to format the Parameter writer (The word "SD card" is used in this instruction manual for SD card before storing the data.

[Page 12: Connecting The Parameter Writer](#)

E6581680 4. Connecting the Parameter writer This section describes the various ways of connecting the Parameter writer. Default language is set to English. Refer to section 6.9 and change the language setting, according to need. 4.1. Connection to a PC There are two ways of connecting the SD card and the PC: -Insert the SD card in the Parameter writer and connect the Parameter writer to the PC via the standard USB type A to Mini-B cable (see Figure 3)

[Page 13: Connection To An Inverter](#)

E6581680 4.2. Connection to an inverter Parameter files can be transferred to the inverter in whichever A and B condition. A. When the inverter is off, the Parameter writer is powered B. When the inverter is on, the Parameter writer is powered by the inverter via the RJ45 cable.

[Page 14: Configuration Transfers](#)

E6581680 5. Configuration transfers 5.1. Loading a configuration from an inverter This procedure allows the user to retrieve a configuration file ("LOADFRMD00.CFG" to "LOADFRMD99.CFG") from an inverter and load it onto the Parameter writer's SD card. Main menu Action Action Config MLD ->...

[Page 15: Transferring The Configuration To An Inverter](#)

E6581680 5.2. Transferring the configuration to an inverter This procedure allows the user to select the configuration file to be transferred to the inverter. The user must already have: - Loaded the inverter configuration file ("*.CFG") onto the Parameter writer (see section 5.1) - Generated the configuration file using PCM software and loaded this file onto the Parameter writer Main menu Action...

[Page 16: Transferring The Configuration To More Than One Inverter Using Quick Store](#)

E6581680 5.3. Transferring the configuration to more than one inverter using Quick Store This procedure describes how to use the Quick Store function (see section 6.4) to duplicate configurations. The user must already have: -Loaded the inverter configuration file (*.CFG) onto the Parameter writer (see section 5.1) -Generated the configuration file using PCM software and loaded this file onto the Parameter writer (filename1, filename 2, etc.) Transfer...

[Page 17: Parameter Writer Menus](#)

E6581680 6. Parameter writer menus 6.1. Parameter writer main menu On power-up, the "Parameter writer / Version x.xx" menu is displayed on the screen. The diagram below shows the various menus that can be accessed from the Parameter writer main menu. Main menu / Action accesses the following functions: -Load from Parameter writer to inverter -Load from inverter to Parameter writer...

[Page 18: Action: Load Configuration From Parameter Writer To Inverter](#)

E6581680 6.2. Action: Load configuration from Parameter writer to inverter The diagram below shows the "Action Config / MLD -> Device" menu accessible from "Main menu / Action". "Action Config / MLD -> Device" : This menu accesses the transfer function for loading configurations from the Parameter writer to the inverter.

[Page 19: Action: Load Configuration From Inverter To Parameter Writer](#)

E6581680 6.3. Action: Load configuration from inverter to Parameter writer The diagram below shows the "Action Config / Device -> MLD" menu accessible from "Main menu / Action". "Action Config / Device -> MLD" : This menu accesses the transfer function for loading configurations

from the inverter to the Parameter writer.

[Page 20: Quick Store Mode](#)

E6581680 6.4. Quick Store mode This mode is used to transfer the latest configuration file (See section 5.3). (1) The diagram below shows the Quick Store mode, which can be accessed after using either of the "Action Config / MLD -> Device" menus. Note 1: Quick Store mode can only be used after an initial transfer to an inverter has been completed.

[Page 21: Supervision](#)

E6581680 6.5. Supervision The diagram below shows the device main menu, accessible from "Main menu / Device". This supervisory menu is used to check the reference and version of the inverter connected to the Parameter writer. "Device Type" : This menu accesses the reference of the connected inverter. "Device SW version"...

[Page 22: Parameter Settings: Batteries](#)

E6581680 6.6. Parameter settings: Batteries The diagram below shows the "Parameters / Battery" menu accessible from "Main menu / Parameters". "Battery / Charge level" : This menu displays the Parameter writer charge level. "Battery / Alarm level" : This menu is used to set message activation at a particular charge level. It warns the user about the battery charge status according to the set value (see message fault detected on section 6.7).

[Page 23: Parameter Settings: Diagnostics](#)

E6581680 6.7. Parameter settings: Diagnostics The diagram below shows the "Parameters / Diagnostic" menu accessible from "Main menu / Parameters". "Diagnostic / Fault History" : This menu accesses the detected fault history. "Diagnostic / Clear Faults" : This menu is used to clear the detected fault history Parameters Diagnostic Diagnostic...

[Page 24: Parameter Settings: Password](#)

E6581680 6.8. Parameter settings: Password "Parameters / Password FW" For factory use only.
6.9. Parameter settings: Display(Contrast/Backlight/Sleep mode/Language) The diagram below shows the "Parameters / Display" menu accessible from "Main menu / Parameters". "Display / Contrast" : This menu is used to set the display screen contrast. "Display / Backlight"...

[Page 25: Specifications](#)

English, Japanese, Spanish, German, V3.09 PWU003Z VF-nC3, VF-nC3C, VF-MB1 Italian and French VF-nC3, VF-nC3C, VF-MB1, English, Japanese, Spanish, German, V3.12 PWU003Z -01 VF-S15 Italian and French VF-nC3, VF-nC3C, VF-MB1, English, Japanese, Spanish, German, V3.14 PWU003Z -02 VF-S15 Italian, French and Chinese...

[Page 26: Warranty](#)

The warranty period of repaired products will not exceed the warranty period before the repair takes place. ■Scope of warranty If a product failure is found during the warranty period due to our negligence, please return the product to Toshiba distributor of purchase, for a replacement or repair of the defective component.