



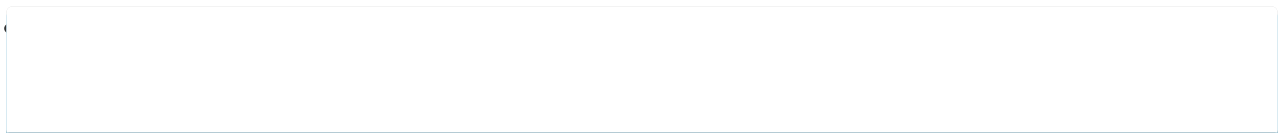
# **TOSHIBA**

Toshiba MCR-2550 Instruction Manual

Optional initial charger



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## INSTRUCTION MANUAL

# TOSHIBA

1. Make sure that this instruction manual is delivered to the end user of the optional initial charger.
2. Read this manual before installing or operating the optional initial charger. Keep it in a safe place for reference.
3. All information contained in this manual will be changed without notice.

## Optional initial charger

### MCR-2550

NOTICE

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# Related Manuals for Toshiba MCR-2550

[Battery Charger Toshiba B-EP800-CHG6-QM-R Owner's Manual](#)

6-slot (16 pages)

[Battery Charger Toshiba B-EP800-CHG-QM-R Owner's Manual](#)

(16 pages)

[Battery Charger Toshiba B-EP800-CHG-QM-R Owner's Manual](#)

(4 pages)

[Battery Charger Toshiba B-EP800-CHG6-QM-R Owner's Manual](#)

(8 pages)

[Battery Charger Toshiba B-EP800-CHG6-QM-R Owner's Manual](#)

6-slot battery charger (4 pages)

[Battery Charger Toshiba B-EP800-CHG-QM-R Owner's Manual](#)

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## Summary of Contents for Toshiba MCR-2550

[Page 1](#) ④ INSTRUCTION MANUAL Optional initial charger MCR-2550 NOTICE 1. Make sure that this instruction manual is delivered to the end user of the optional initial charger. 2. Read this manual before installing or operating the optional initial charger. Keep it in a safe place for reference.

### [Page 2: Limitation Of Use](#)

Safety precautions On the inverter and in its instruction manual, important information is contained for preventing injuries to users and damages to assets and for proper use of the device. Read the instruction manual attached to the inverter along with this instruction manual for completely understanding the safety precautions and adhere to the contents of these manuals.

[Page 3](#) Caution Do not install in any area where the unit would be subject to large amounts of vibration. That could result in the unit falling, resulting in injury. Prohibited Wiring Warning Do not connect this option to the inverter doesn't have the DC terminals (PA/+, PC/-). That will destroy both the inverter and the option, and may result in fire.

### [Page 4: Read First](#)

Note 1: An optional initial charger MCR-2550 is needed for middle- and large-capacity VF-AS1 and VF-PS1 models. Refer to Inverter model on page 5. For 75kW and larger in 200V class and 132kW and larger in 400V class, MCR-2550 are needed parallel connection. Refer to Section 2.2 "Parallel connection for large-capacity inverter".

### [Page 5: Basic Connection](#)

Basic connection diagram The figure below shows an example of typical wiring with the inverter VFAS1 and VFPS1. Be sure to read the instruction manual of connected inverters for control circuit terminals and parameter settings. MCR-2550 VF-AS1/PS1 (\*4) Ω...

[Page 6](#) When using a Harmonic Suppression Unit SB3 as a DC power supply, the optional initial charger may not be required or the inverter may need to be remodeled. Please contact your Toshiba distributor if you like detailed information.

### [Page 7: Main Circuit Connection](#)

2.2 Parallel connection for large-capacity inverter For 75kW and larger in 200V class and 132kW and larger in 400V class, MCR-2550 units are needed parallel connection. Main

circuit connection Inverter Note1) DC power MCR-2550 Connector Connector source Motor...

[Page 8](#) (\*5): When using a Harmonic Suppression Unit SB3 as a DC power supply, the optional initial charger may not be required or the inverter may need to be remodeled. Please contact your Toshiba distributor if you like detailed information. ■ Operation circuit connection The figure below shows an example of typical wiring with the inverter VFAS1 and VFPS1.

[Page 9](#) 3. Power supply connection for inverter's cooling fan In inverter VF-AS1 and VF-PS1 in the table below, it is necessary to supply the 3-phase power supply as inverter cooling fan power supply. When VF-AS1 or PS1 is used with a DC power supply, the Connectors X1 and X4 on the inverter PCBA board have to exchange each other as indicated on the diagrams below.

## [Page 10: Standard Specification](#)

4. Specifications ■ Standard specification Applicable Inverter TOSVERT VF-AS1, VF-PS1 □DC720Vmax. - 290A Rated Input □AC200□240V-50/60Hz Power supply for operation Item Specification Indoor, Altitude: 1000m or less Use environments Place not exposed to direct sunlight and free of corrosive and explosive gases.

## [Page 11: Warranty](#)

- Any compensations for the results of your product replacement, readjustment of the local equipment after replacement, launch test, inspections, or any other operations. ■ Service after the stop production Please ask Toshiba distributor of purchase about the stop of production and repair work for each product. ©Toshiba Schneider Inverter Corporation 2008...