

Production discontinuation of Q7BAT and Q7BAT-SET

■Date of Issue

February 2019

■Relevant Models

Q7BAT, Q7BAT-SET

Thank you for your continued support of Mitsubishi Electric programmable controllers.

Production of the following large-capacity batteries for replacement, Q7BAT and Q7BAT-SET, will be discontinued.

1 Models to be discontinued

Product	Model
Large-capacity battery for replacement	Q7BAT
Large-capacity battery with a battery holder for installation to a CPU	Q7BAT-SET

2 Schedule

- Transition to made-to-order: May 31, 2019
- Order acceptance: Until August 31, 2019
- Production discontinuation: September 30, 2019

3 Repair support

The repair support and the failure investigation for these products will not be continued after the discontinuation of production, because the products use only lithium batteries (life-limited parts).

4 Reason for discontinuation

Some parts of the above products are now obsolete, and we will have difficulty to maintain our production system.

5 Models to be discontinued

Product	Models to be discontinued	Alternative models
Large-capacity battery for replacement	Q7BAT	Q7BATN ^{*1}
Large-capacity battery with a battery holder for installation to a CPU	Q7BAT-SET	Q7BATN-SET

*1 The battery holder for Q7BAT is not available to Q7BATN. When first using Q7BATN, purchase Q7BATN-SET with the dedicated battery holder.


The alternative models will be released in March 2019.

6 Comparison of specifications

Item	Q7BAT	Q7BATN
Type	Manganese dioxide lithium primary battery	
Applicable battery	CR23500SE (1)	CR8LHC (2)
Initial voltage	3.0V	
Nominal current	5000mAh	6000mAh
Battery life when not used	Approximately 5 years (room temperature)	
Lithium content	1.55g	1.80g
Battery weight	47g	48g
Battery dimensions	24mm × 24mm × 52mm	34.5mm × 17.5mm × 48mm
Battery holder dimensions	30mm × 27.4mm × 60mm	34mm × 27.4mm × 60mm

Backup power time

For detailed backup power time, refer to the following.

 MELSEC iQ-R Module Configuration Manual*¹

 User's Manual (Hardware Design, Maintenance and Inspection) for the using CPU*¹

*¹ The manuals revised in April 2019 and after are targeted.

Battery replacement

Replace Q7BATN and Q7BATN-SET in the same procedure as Q7BAT and Q7BAT-SET.

Transportation precautions

Including a certain amount of lithium, Q7BATN and Q7BATN-SET must be handled as dangerous goods (Class9) during transportation.

7 Recommendable proposals

We recommend the following solutions for the production discontinuation of the Q7BAT and Q7BAT-SET.

- Purchase another or more Q7BAT or Q7BAT-SET as a spare before the order acceptance date described in Chapter 2.
- Please purchase Q7BATN or Q7BATN-SET for a new large-capacity battery after the last day of order acceptance.

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REVISIONS

Version	Date of Issue	Revision
A	February 2019	First edition