Mitsubishi □□ □□□ □□□ Series Service Manual

MR-BAT6V1SET

1. Description

The MR-BAT6V1SET is a lithium battery module that includes a battery and a holder from Mitsubishi Electric. It is a compact lithium-ion battery designed for use with Mitsubishi servo amplifiers in the MR-J4 series. The MR-BAT6V1SET battery module has a voltage rating of 6V DC, and it can replace the battery in a compatible MR-J4 servo amplifier for backing absolute position data. It weighs 0.075 kg and its dimensions are 38.5 mm x 69.3 mm x 21 mm, making it easy to use and carry.

2. Specifications

Specification	Value
Manufacturer	**Mitsubishi**
Product	**Type Battery**
Product	**Line MELSERVO MR-J2**
Part	**Number MR-BAT6V1SET**
Weight	**0.31 lbs (0.14 kg)**
Battery	**Type Lithium-ion**
Width	**38.5 mm**
Height	**69.3 mm**
Depth	**21 mm**
Compatible	**Devices MR-J4 Servo Amplifiers**
Purpose	**Building Absolute Position Detection System, Backing Up Absolute Position Detection System**
Voltage	**Rating 6V DC**
Lithium	**Content 1.2 g**

3. Product Information

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Technical specifications for MR-BAT6V1SET

Manufacturer Mitsubishi

Product Type Battery

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Product Line MELSERVO MR-J2

Part Number MR-BAT6V1SET

Weight 0.31 lbs (0.14 kg)

Battery Type Lithium-ion

Width 38.5 mm

Height 69.3 mm

Depth 21 mm

Compatible Devices MR-J4 Servo Amplifiers

Purpose Building Absolute Position Detection System, Backing Up Absolute Position Detection System

Voltage Rating 6V DC

Lithium Content 1.2 g

Description

The MR-BAT6V1SET module is a battery module that was designed and manufactured by Mitsubishi Electric for industrial use. This battery module includes a battery and a sturdy battery holder. It is a high-quality and reliable backup battery that was designed to meet the needs of servo amplfiiers in the Mitsubishi MR-J4 series. Its lithium-ion technology, light weight, and compact design make it an ideal choice for various applications in systems that use Mitsubishi MR-J4 servo amplifiers. This battery was designed to provide backup to the absolute position detection system in a Mitsubishi MR-J4 servo amplifier. It can also be used to construct the absolute position detection system for the MR-J4 servo amplifier that hosts it. The MR-BAT6V1SET battery module and the absolute position detection system that it is part of are required for MR-J4 servo amplfiiers that control rotary servo motors and direct drive motors, but not for servo amplfiers that control linear servo motors. The MR-BAT6V1SET lithium battery module has a connector that connects to a designated port on the host MR-J4 servo amplifier, and it is designed to slide and lock securely into place on the servo amplifier. The DC voltage rating of the MR-BAT6V1SET lithium battery module is 6V DC. The mercury content for this lithium battery module is less than 1 ppm, and the lithium metal content is 1.2 g. The MR-BAT6V1SET lithium battery module measures 38.5 mm in width, 69.3 mm in height, and 21 mm in depth, and its compact dimensions make it easy to install securely on its host servo amplifier. The MR-BAT6V1SET lithium battery weighs 0.075 kg.