Sage JSG-S006 BLE Sensor User Manual

User manual for
BLE Sensor
JSG-S006

Contents

JSG-S006 BLE Sensor

General
Purpose of this Guide is to install the devices and to describe the related function how to use them for the Dealers and Mechanic of contracting company. The functions are
necessary to operate the initial setup and maintain an appropriate usage of the App.
FCC Statement
Any changes or modifications not expressly approved by theparty responsible for compliance could void the User's authority to operate the equipment.
This Device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This Device may not cause harmful interference, and
2. this Device must accept any interference received, including interference that may causeundesired operation.

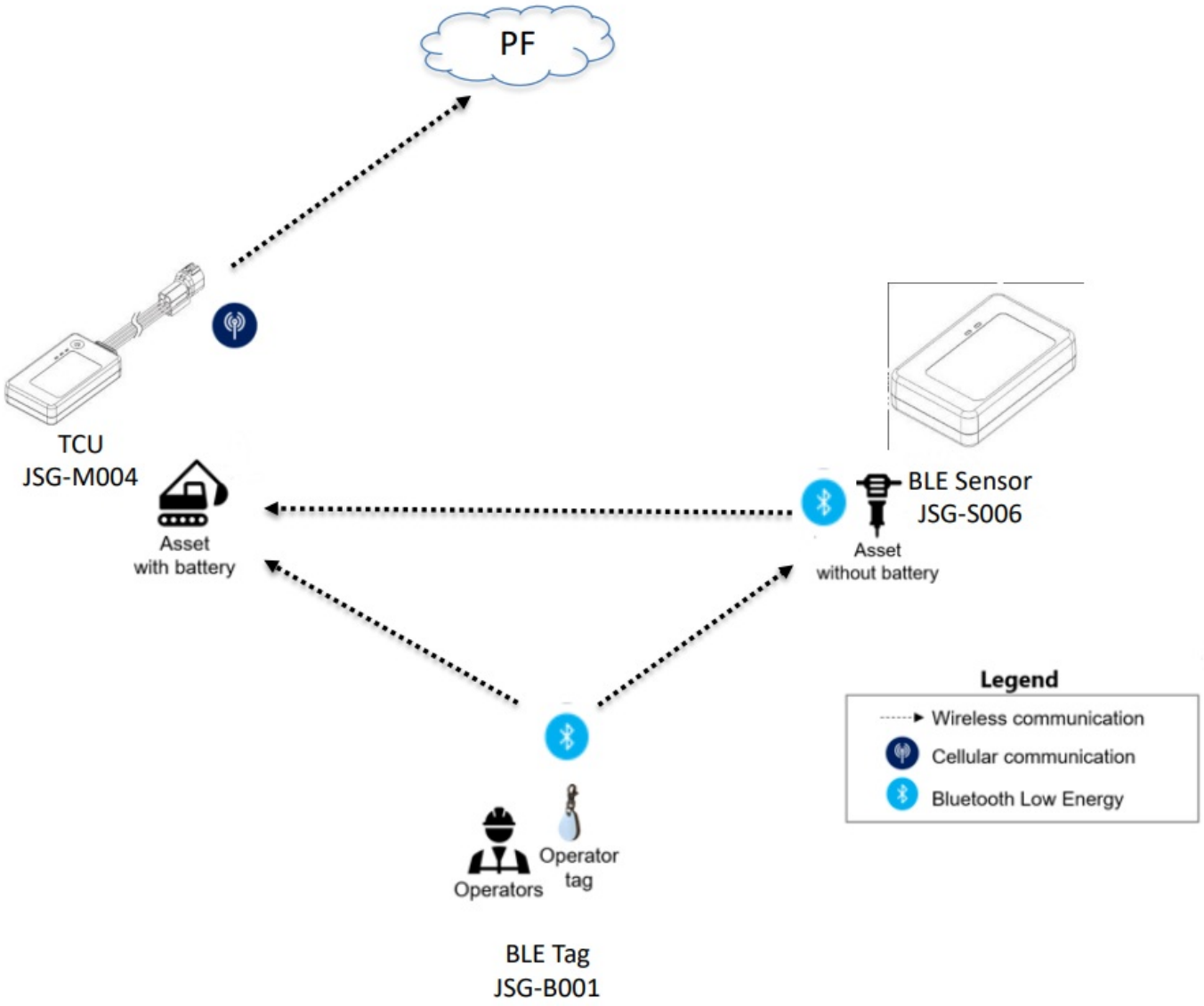
FCC Radiation Exposure Statement:
This Device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should beinstalled and operated with minimum distance 8 inches (20cm) between the radiator & User's body.
This transmitter must not be co-located or operating inconjunction with any other antenna or transmitter.
Class B digital device:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

JSG-M004 data sheet

Physical	
Size	W65xD4Ox H20 mm
Weight	50g
Environment	
Operating temperature	-20 degrees C to +60 degrees C
Storage temperature	-30 degrees C to +80 degrees C
Performance	
Maximum electric power consumption	2mA/3 V
Standby electric power consumption	1 mA / 3V
Version	
Hardware version	1.00
Software version	1.00

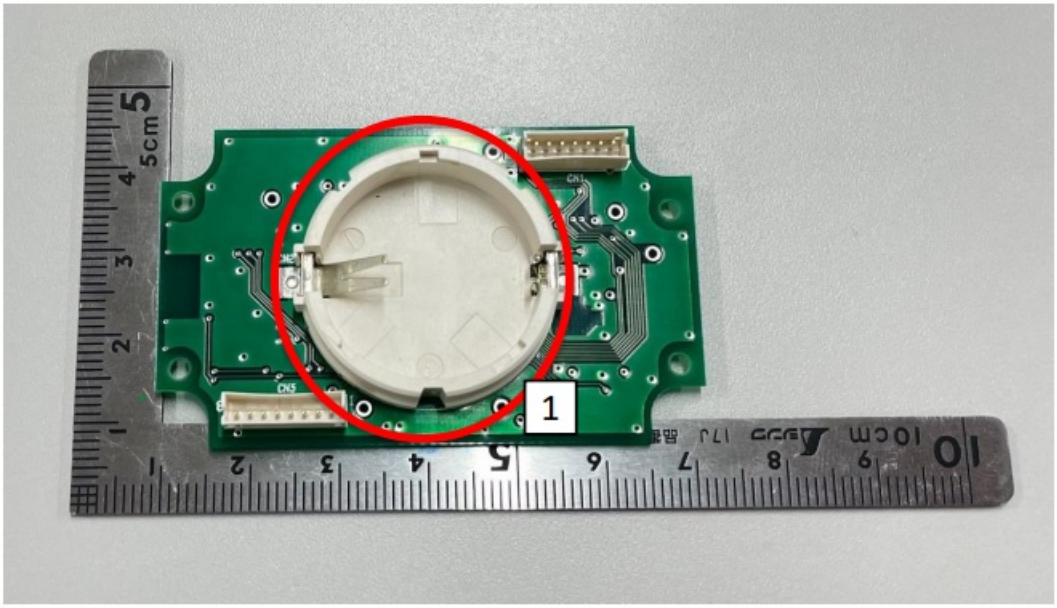
System Block diagram

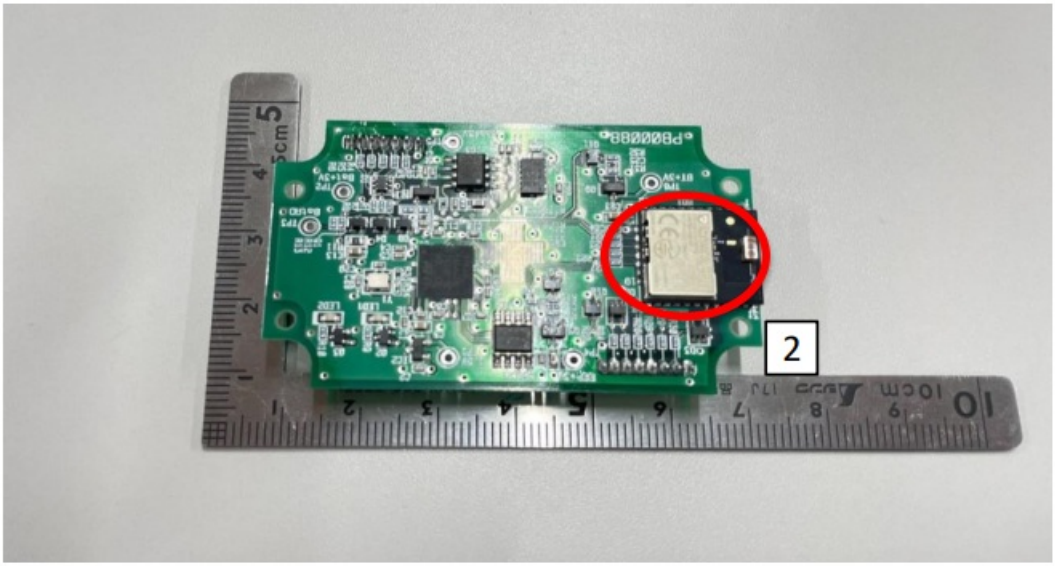

PF
TCU
JSG-M004
Asset
with battery
BLE Sensor
JSG-S006
Asset
without battery
Legend
Wireless communication
Cellular communication
Bluetooth Low Energy
Operators
Operator
tag
BLE Tag
JSG-B001

Appearance


BLE sensor
Model: JSG-S006
Sage Co.,Ltd.
80:4B:50:9A:8D:81
FCC ID: VRBJSGS006
Contains FCC ID: QOQ-GM220P
S/N 0001
Made in Japan

Components

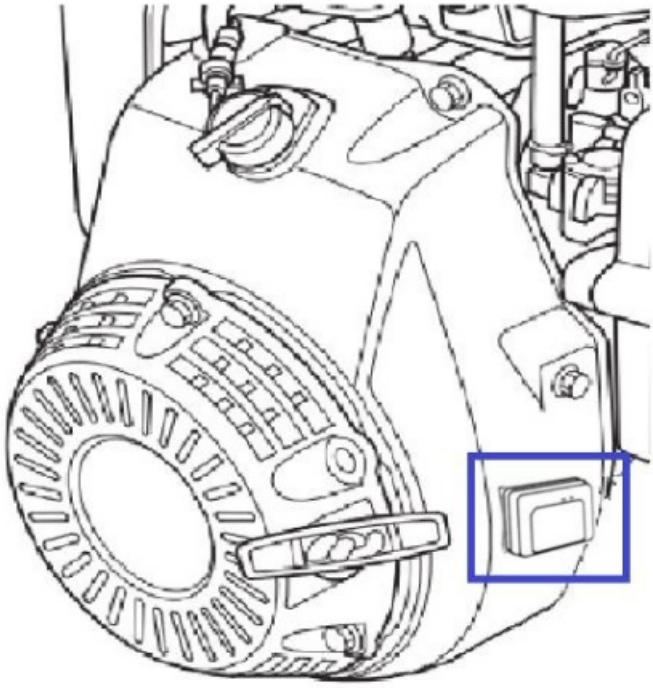




1. Power (CR2477)
2. BLE Module

Installation

BLE is installed on the engine cover covering the flywheel.
BLE detects engine on/off state by measuring magnetic field using the internal magnetic sensor.
This product used at a distance 8 inches (20cm) or more from the User's body.
Since this product is fixed to the construction machine with magic tape, it is used with the human body at a distance of 8 inches or more.



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Documents / Resources

	Sage JSG-S006 BLE Sensor [pdf] User Manual JSGS006, VRBJSGS006, JSG-S006 BLE Sensor, JSG-S006 Sensor, BLE Sensor, Sensor