

### SolarMax Energy Systems

# **Jimu Battery Inverter**





#### **Overview**

How does a Jimu robot work?

The brain of a Jimu robot is a Main control box. Once the mobile phone has connected over wireless to the main control box, it can be used to control the Jimu robot. There is an exclusive 1.Main Control Box MAC address for the controller on its back. The battery comes factory-installed on the main control box. You can also replace the battery.

Is Jimu robot a trademark?

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How do I adjust a Jimu robot?

"Record movement" icon A Record Movement icon will appear on the movement axis after the Jimu robot is connected. Click the icon and the Jimu robot will automatically loosen the joint. You can now adjust the robot into the posture you want. Click the icon again and the posture will be added to the movement axis.

How do I connect the Jimu robot to the control box?

Power allows the Jimu robot to operate. Use the connecting cable to connect the 6.Power Switch power switch to the Main control box. Turn on/off the power using the power switch. 7.Decorating Piece - Fasteners Fasteners can integrate decorating pieces, connectors, the controller, and servos together through holes.

What connectors does Jimu use?

The first thing to notice, even before we open the case is that Jimu uses the same 3 pin connectors as Robotis XL-320 series (used in the MINI series) –



specifically MOLEX Micro Latch 53254. The iPad application seems to be very insistent to make sure that the cables from servos are connected to the controller to the correct port number.

Is the Jimu module suitable for mobile devices?

This is a 3.0 / 4.0 + EDR module, as mentioned also in the Jimu documentation, very suitable for today's mobile devices. It's also nice to see that each 3-pin servo bus connector is nicely decoupled with a  $100\mu F$  capacitor.



#### Jimu Battery Inverter



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PCSK & Multi PCSK OUR PCSK are battery inverters for utility-scale applications. This product provides advanced grid support capabilities, enabling up to 4\* ...

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capacity and reliable performance, it's a ...

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# Jimu: Controller Breakdown - Alex

This first post in this series will focus on the hardware in the Jimu controller. I will give some ideas to what is inside and try to answer some questions about how it works.



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#### JIMU ROBOT

A stalling the battery Place the battery in the slot of the main control box. Push in fastener A and fastener B respectively to lock the battery. Pull out A and B to unlock the battery.

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# Jimu: Controller Breakdown - Alex

This first post in this series will focus on the hardware in the Jimu controller. I will give some ideas to what is inside and try



to answer some ...

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#### **UBTech Jimu Robot Inventor Kit - Makerwiz**

Material PC Plastic Supply Voltage DC6.8V-DC9.6V (Typical Rating: 7.4V) Operating Current 1A-2A Battery Capacity 1200mAh Connection Bluetooth3.0/4.0 BLE+EDR Servo Specs (1) ...

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#### JIMU ROBOT

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#### Builder Bots Jimu Robot 'Parts' Box Ubtech Batterie

The product is a Jimu Robot Parts Box Builderbots kit by Ubtech. It includes battery, all cords, instructions, and an Overdrive Kit for building robots.

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# Battery Jimu/Ukit Series Robot 1200mAh 7.4V

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