

INDUSTRIAL PRODUCT DATASHEET

Feetech ST3215-C047 12V 30Kg Servo

Feetech ST3215-C047 12V 30Kg Servo with 360° precise control and real-time feedback for the Lerobot SO-ARM101 leader arm.

SKU

108090003

UPDATED

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PRICE

\$22.00(Excl. VAT)



Overview



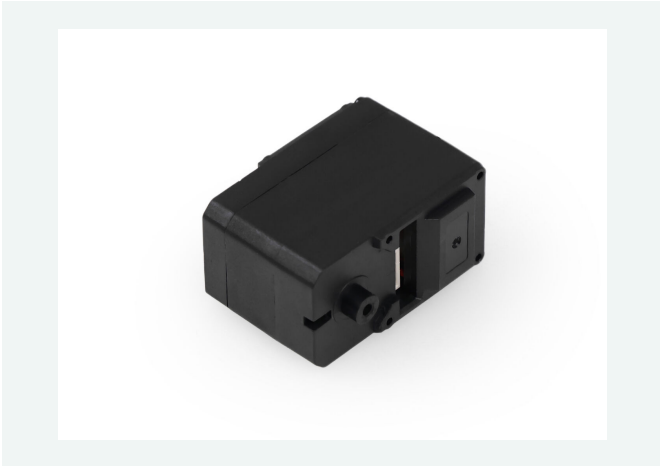
The Feetech ST3215-C047 12V 30Kg Servo features 360-degree precise angle control with multi-turn continuous rotation, a 1:345 metal gearbox, one-touch midpoint calibration, and real-time feedback of position, speed, voltage, current, temperature, and load. It is used in the Lerobot SO-ARM101 robotic arm, specifically on the leader arm.

Key Features

【Note】

- From China warehouse to the United States, choose "**US Direct Group Shipping**" to enjoy duty-free !
- **High Precision** Provides 360-degree positioning with precise angle control and multi-turn continuous rotation capability
- **Metal Gearbox** Includes 1:345 gear reduction ratio metal gearbox
- **Easy Calibration** Offers one-touch midpoint calibration
- **Rich output** Provides real-time feedback of position, speed, voltage, current, temperature, and load
- **12V Servo** Could be used with 12V power supply

Product Gallery

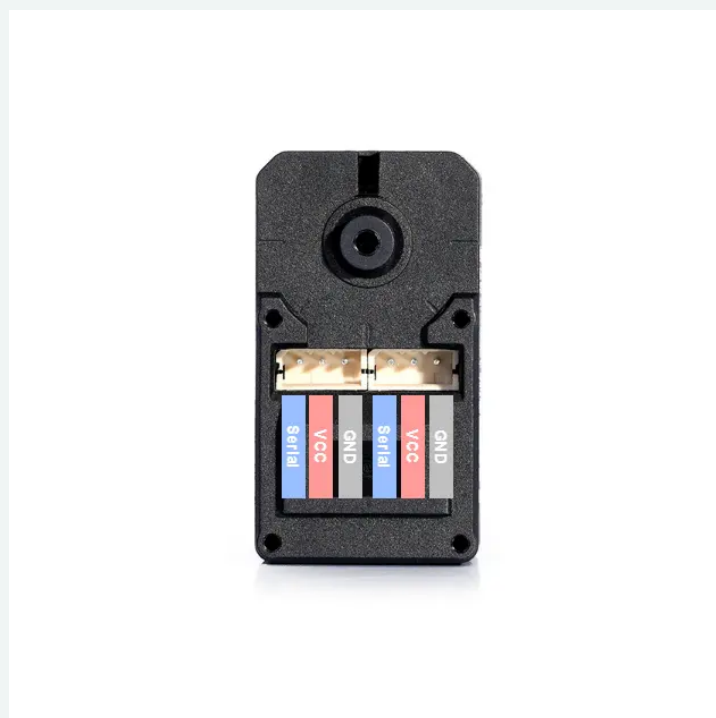
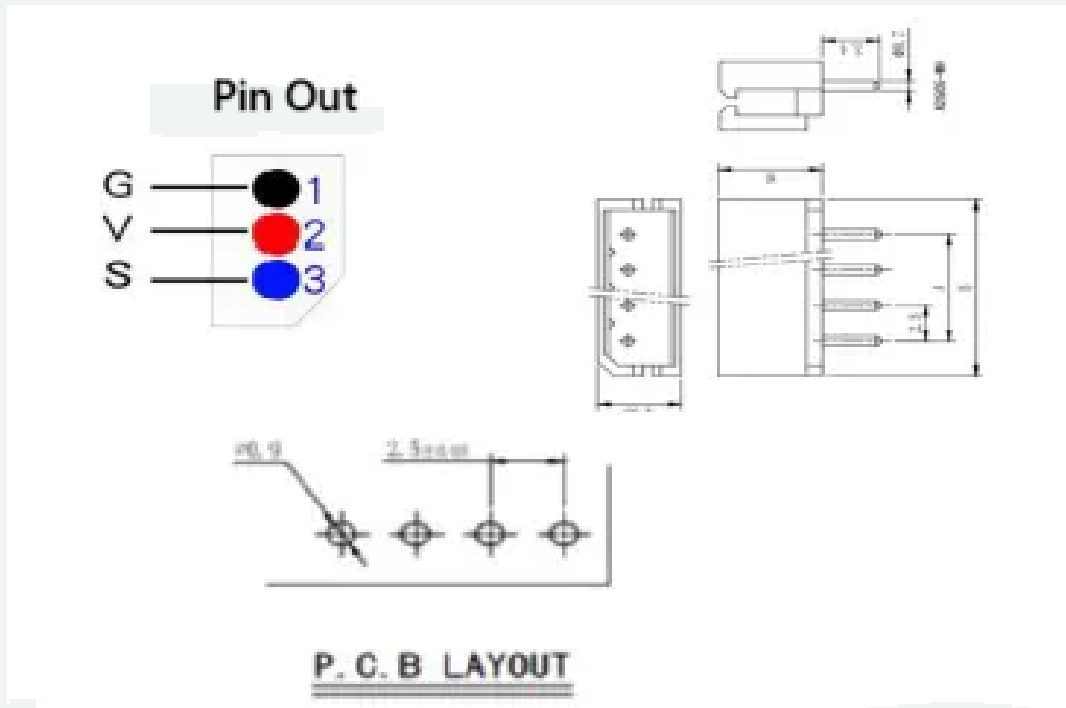


Specification

Product	Feetech ST3215 C047
Voltage	4- 14V
Operating Temperature	-10°C~60°C

Mechanical Dimension	45.2mm x 24.7mm x 35mm
Communication Interface	Serial

Hardware Overview



Applications

- Lerobot SO-ARM101 robotic arm
- Used on leader arm

Part List

ST3215-C047 Servo	x1
Servo Horn	x2
Screw	x18
JST Wire	x1

Compliance & Logistics

HSCODE	8501109990
USHSCODE	8501106080
UPC	
EUHSCODE	8501109390
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/STS3215-30KG-Serial-Servo-p-6340.html>
- [Datasheet](#)
- [Github](#)
- [Debug Software](#)
- [Modbus-RTU Protocol](#)

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