



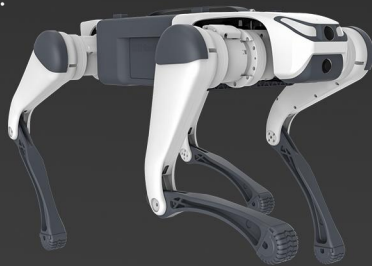
J60

Ignite the vigorous power of Intelligent agents

Lightweight High Performance Joints J60 Series

Surging power, Lite3-same joints

J60 joints facilitate high-difficulty and high-intensity movements such as parkour, off-roading, and climbing over ruins.



Reliable and Durable Feature

Suitable for various usage demands such as quadruped robot model control and learning control, it has been produced and applied to mature products like Lite3 quadruped robot.

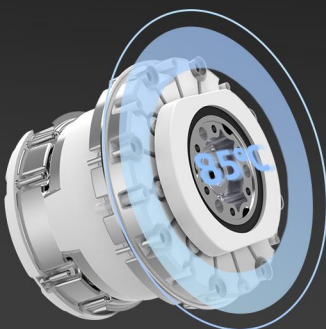
Integrated Design

J60 joint integrates a reducer, frameless torque motor, servo driver, and absolute value encoder into one, with a compact structure and convenient installation.



Debugging and Development Kit

J60 robot joints are equipped with both serial port and CAN communication interfaces.



Status Detection and Protection

J60 robot joint is equipped with a built-in driver and motor temperature detection and protection system. This system monitors input current and voltage in real-time to ensure safer operation safer.

Parameter

J60-6

J60-10

480g	Weight	540g
76.5mm*63mm	Dimensions (diameter x height)	76.5mm*72.5mm
DC 12V~36V	Operating Voltage Range	DC 12V~36V
DC 24V	Standard Operating Voltage	DC 24V
19.94N.m	Peak Torque	30.50N.m
0.8982N.m/A	Joint Torque Constant	1.3473N.m/A
41.54N.m/kg	Maximum Torque-to-weight Ratio	56.48N.m/kg
30A	Maximum Motor Phase Current	30A
CAN	Communication Method	CAN
1Mbps	Communications Baud Rate	1Mbps
1kHz	Communication Control Frequency	1kHz
Absolute Encoder	Encoder Type	Absolute Encoder
14bit	Encoder Resolution	14bit