



Robotic Arm

Payload	6kg	
Radius	914mm	
Accuracy	±0.03mm	
Axis	6	
Joints rotation	J1-J6	±360°
	J1-J2	150°/s
Joints speed	J3	190°/s
	J4-J6	260°/s
Typical TCP Speed	1.5 m/s	
IP rating	IP54	
Temperature range	-10~50°C	
Relative humidity	5%~95% (non-condensing)	
Noise reduction	<70db	
Typical power usage	250w	
Mounting	Any angle	
Tool I/O connector	12 pin	
Tool I/O ports	2 DI, 2 DO; 1 AI, 1 AO	
Tool I/O power supply	24V / 2A	
Tool I/O communication	RS485, Modbus RTU	
Footprint	Ø 150 mm	
Weight	17.5kg	
Material	Aluminum, steel, plastic, rubber	
Cable length	5.5m*	
Certifications	ISO 10218; RoHS-1; UL, CE, CR, KCs	
Programming	LUA-script, free-drag/offline programming	

* Optional cable lengths of 1.5m, 3m and 8m are available.



EC66 is the robot from which Elite Robots began its journey into collaborative robotics. Since its release, it has been integrated with a wide range of applications, from picking and placing components to handling vials for laboratories and pharmaceutical companies.

Standard controller

Type	AC / DC
I/O ports	16 x DI, 20 x DO, 2 x AI, 4 x AO
I/O power supply	24V/2A
Communication	RS485/RS232, Ethernet TCP/IP, UDP, Modbus TCP/RTU, Ethernet/IP slave, Profinet slave, CCLink slave (optional)
Size	505mm x 246mm x 447mm
IP Rating	IP44
Weight	15kg
Power source	90-264VAC, 50-60Hz / 19-72VDC
Temperature range	0~50°C
Relative humidity	5%~95% (non-condensing)
Material	Aluminum, Steel



Standard AC/DC controller with 16 DI / 16 DO. Ethernet/IP / Profinet slave with Modbus TCP/RTU interface

Mini controller

Type	DC
I/O ports	8 x DI, 8 x DO
I/O power supply	24V/2A
Communication	RS485, Ethernet TCP/IP, UDP, Modbus TCP/RTU, Ethernet/IP slave, Profinet slave, CCLink slave (optional)
Size	205mm x 135mm x 40mm
IP Rating	IP40
Weight	1.2kg
Power source	45-55VDC
Temperature range	0~50°C
Relative humidity	5%~95% (non-condensing)
Material	Aluminum



Optional OEM "Mini" DC controller for integrators, OEM partners and users who want to create their own custom design.

Teach Pendant ERP300

Size	290mm x 225mm x 118mm
Screen size	8"
Resolution	800 x 600 pixels
IP rating	IP54
Weight	1.2kg
Cable length	5.5 m
Temperature range	0~50°C
Relative humidity	5%~95% (non-condensing)
Material	Aluminium, plastic, rubber
Input method	Resistive touch-screen, 3-mode enable key



Industrial teach-pendant with 3-modes enable key for safe and convenient on-site operations. 8" touch-screen.

