RobotArm			
Model	**CR5AP**	**CR10AP**	**CR20AP**
Weight	25kg	40kg	73kg
Maximum Payload	5kg	10kg	20kg
Working Radius	900mm	1300mm	1700mm
Maximum Linear Speed	2m/s	2m/s	2m/s
Range of Motion — J1	±360°	±360°	±360°
Range of Motion — J2	±360°	±360°	±360°
Range of Motion — J3	±160°	±160°	±165°
Range of Motion — J4	±360°	±360°	±360°
Range of Motion — J5	±360°	±360°	±360°
Range of Motion — J6	±360°	±360°	±360°
Maximum Joint Speed — J1	180°/s	150°/s	120°/s
Maximum Joint Speed — J2	180°/s	150°/s	120°/s
Maximum Joint Speed — J3	180°/s	180°/s	150°/s
Maximum Joint Speed — J4	223°/s	223°/s	180°/s
Maximum Joint Speed — J5	223°/s	223°/s	180°/s
Maximum Joint Speed — J6	223°/s	223°/s	180°/s
I/O Interface — DI	2	2	4
I/O Interface — DO	2	2	4
I/O Interface — AI	2 (same as RS485)	2 (same as RS485)	4 (same as RS485)
I/O Interface — AO	None	None	None
I/O Interface — RS485	Supported	Supported	Supported
Repeatability	±0.02mm	±0.03mm	±0.05mm
IP Rating	IP68	IP68	IP68
Noise	70dB(A)	70dB(A)	70dB(A)
Temperature Range	0~50℃	0~50℃	0~50℃
Power Consumption	150W	350W	500W
Installation Orientation	Desktop		
Cable Length to Control Box	5m	5m	6m
Materials	Aluminum alloy, ABS plastic		

Control Cabinet			
		CC262	CC263
Size (W x H x D)		345mm*345mm*145mm	400mm*400mm*175mm
Weight	AC Input	9.5kg	15kg
	DC Input	8.5kg	/
Power Source	AC Input	100~240V, 47~63Hz	
	DC Input	30~60V	/
I/O Power Supply		24V, Max 3A, Max 0.5A each channel	
I/O Ports	DI	24（NPN or PNP）	
	DO	24（NPN or PNP）	
	AI	2, voltage/current mode, 0~10V, 4~20mA	
	AO	2, voltage/current mode, 0~10V, 4~20mA	
Remote Power on/Off		Supported	
Communication	Ethernet	2, used to TCP/IP, Modbus TCP, Ethernet/IP、Profinet communication	
	USB	2, used to import and export files	
	485	1, used to RS485、Modbus RTU communication	
	Encoder	1, ABZ incremental encoder interface	
environment	Temperature	0~50℃	
	Humidity	≤90%RH (non-condensing)	
IP Classification		IP54	
Cooling Type		fan cooling	
teach mode		PC、APP（Android）、teach pendant	
Match the robot model		CR5AP、CR10AP	CR20AP