

CRP-G9S-CD60C

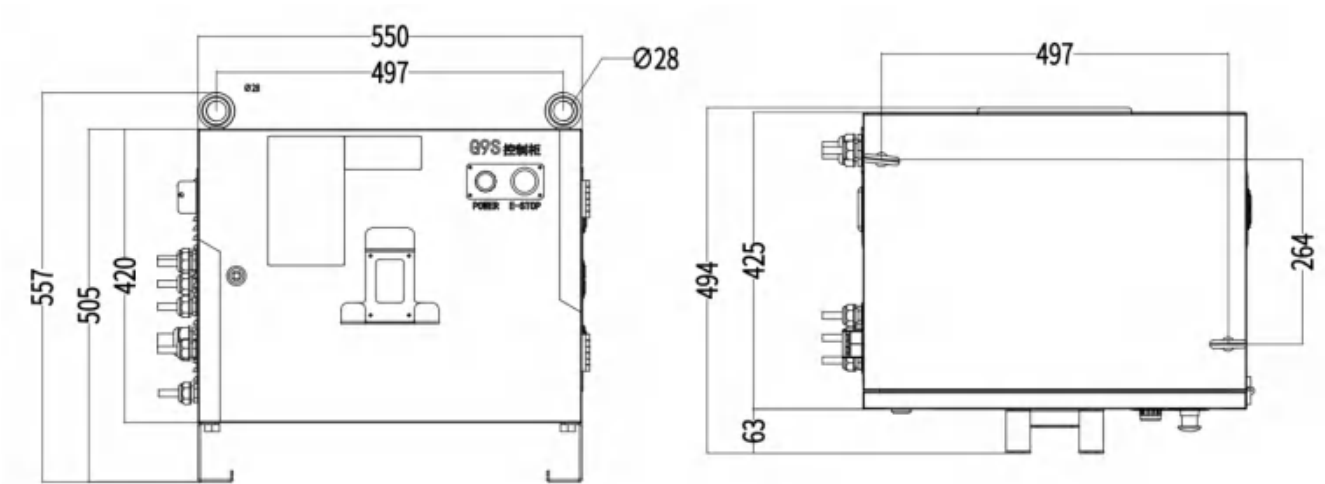
INDUSTRIAL ROBOT ELECTRICAL CABINET



FUNCTION FEATURES

- Compact & Space-Saving: A smaller footprint for flexible layouts.
- Quick & Easy Wiring: Features quick-connect plugs for simple installation.
- Reliable & Robust: Isolated ducting prevents dust and ensures stability.
- Highly Compatible: Rich interfaces supporting numerous communication protocols.

CABINET DIMENSIONAL DRAWING



G9S Collaboration control cabinet specifications

Model	CRP-G9S-CD60C	
Teaching pendant	Touch Panel, Emergency Stop Button, Mode Selector Switch, Safety Switch, Quick Keypad	
	C-type TP, standard 6m cable	E-type TP, standard 6m cable
	8-inch TFT-LCD touch panel	5.7-inch TFT-LCD touch panel
	290(W)×220(H)×110(T)mm, 1.3kg	150(W)×370(H)×80(T)mm, 0.9kg
Size weight	550(W)×420(H)×425(D)mm, 50kg	
Protective structure	IP51	
Cooling method	Forced air cooling	
Environmental parameters	Storage temperature: -10℃~65℃	
	Use temperature: 0~45℃	
	Relative humidity: 20%~85%RH (no condensation)	
	Altitude: ≤2000m	
	Corrosion: no corrosive gases and liquids	
Power supply	Three-phase/single-phase AC220V ±10%, 50/60Hz	
Connection cable	Power cord standard 3m, interconnecting cable standard 5m	
Grounding	Must have protective earth (PE)	
System configuration	Main Frequency: 1.6GHz, Memory: DDR4L 1333MHz 2GByte, Hard Disk: 8G EMMC, UPS: 7S	
Hardware interface	Digital I/O interface, 24-channel NPN input/24-channel output, output voltage 24V, output current 8-channel relay 3A, 16 way transistor 200mA	
	4-channel 0~10V analog output, 12-bit precision.	
	2 encoder signal interfaces, 5V encoder power supply	
	2-channel 100Mbps network (1 channel occupied by the demonstrator), 2-channel Gigabit network can be expanded according to customer requirements	
	2-way RS485, 2-way CAN2.0	
Robot safety	-	
	3 workstation box interface	
	Cabinet door emergency stop, external emergency stop, anti-collision, servo STO	
EMC Test standards	IEC 61000-6-2:2016	
Communication protocols	ModbusRTU, ModbusTCP	
Operating mode	Teach, Play, Remote	
	Point-to-point, linear interpolation, circular interpolation, gate motion	
Command system	Motion, Logic, Process, Arithmetic	
Coordinate system	Joint coordinates, Cartesian coordinates, User coordinates, Tool coordinates, World coordinates	
Software package	Handling / Palletizing / Vision / Tracking / Background Tasks / Servo Collision / Soft Float / Chinese Programming	Arc Welding / Spot Welding / Laser Welding / Pendulum Arc / Arc Tracking / Expert database / servo collision / torch collision / Chinese programming
Other	Built-in PLC, power failure regeneration, encoder interface (support synchronous belt)	
Number of control axis	Standard configuration 6 axes (external axes are optional, maximum extension of external axes is 6 axes)	
Supported body model	Six-axis low load series (handling)	Six-axis low load series (welding)