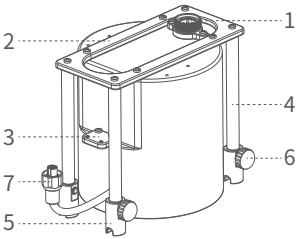


CHASING AC Power Syetem

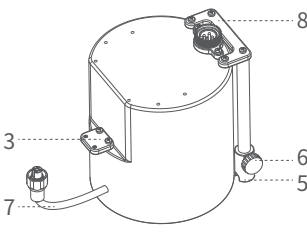
User Manual

V1.0

The CHASING AC Power System is an exclusive advanced accessory for the CHASING M2 PRO, and when used with the CHASING Control Console, enables the ROV to support a mixture of AC power and battery power to achieve unlimited range.

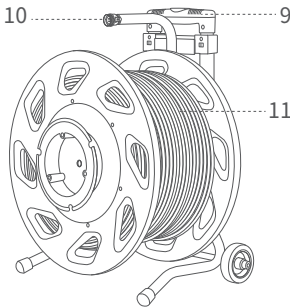


• AC power supply component (excludes docking station)

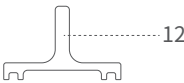


• AC power supply component (includes docking station)

1. AC power tether interface
2. AC mounting plate (without docking station)
3. AC junction plate
4. AC mounting leg
5. Mounting support
6. Thumb screw
7. 4 pin connection cable
8. AC mounting plate (including docking station)
9. Winder pull rod
10. AC power tether interface
11. AC power tether
12. AC power buoyancy cable buckle



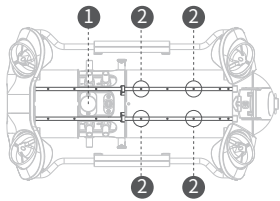
• AC power tether & winder



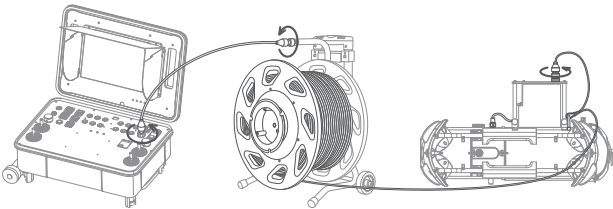
Installation and Connection

Excludes docking station (original shipping status)

- 1) Unscrew the thumb screws, remove the mounting support from the AC power supply component, then screw it to the support rod on the second and the third row at the tail of the ROV top with four M3*8 screws.
- 2) Secure the Hang buckle seat with M3*8 screws to the last rows of support rod at the tail of the ROV top. Insert the mounting feet of the AC power supply component into the mounting support, then tighten the thumb screws to complete the installation.

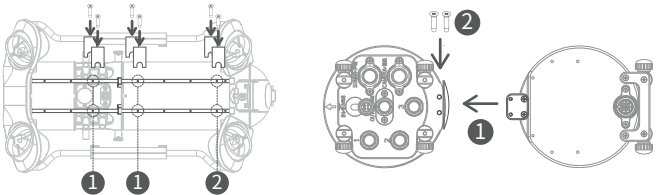


- 3) Connect the two ends of the AC power tether to the AC power supply component tether interface and the control consoles AC power tether interface, and tighten them, then fasten the AC power tether safety hook onto the hook holder.
- 4) Finally, connect the control console with 220V power supply to complete the installation and connection of the AC power system (exclude docking station).

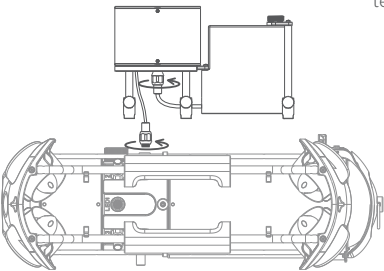


Includes docking station (non-original shipping status)

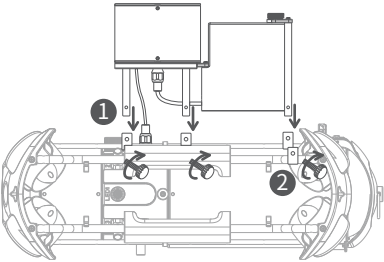
- 1) Unscrew the four M3*8 screws to remove the AC mounting plate (without docking station) from the AC power supply component and replace it with AC mounting plate (including docking station).
- 2) Secure the Hang buckle seat with M3*8 screws to the last rows of support rod at the tail of the ROV top.



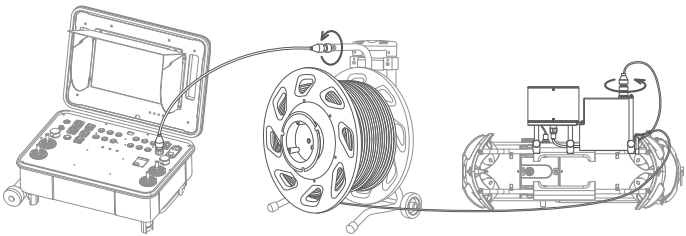
- 3) Connect the AC power supply component and the docking station through the AC junction plate, and fix it with two M3*8 screws.
- 4) Connect the AC power supply component tether to the docking station AC tether socket and tighten it, and then connect the docking station tether to the ROV tether socket and tighten it.



- 5) As shown below, secure the six mounting supports with six M3*8 screws to the second row at the tail of the ROV top, and to the threaded holes in the support rod nearby the SD assembly. Insert the mounting feet of the AC power supply component into the mounting support, then tighten the thumb screws to complete the installation.



- 6) Connect the two ends of the AC power tether to the AC power supply component tether interface and the control consoles AC power tether interface, and tighten them, then fasten the AC power tether safety hook onto the hook holder.



- 7) Finally, connect the control console with 220V power supply to complete the installation and connection of the AC power system (including docking station).

Specifications

AC power supply module

Size	118 x 148.5mm
Weight	≈1200g
In-out	Input AC200-240V, Output DC25.2V 10A
Power	250W

AC power supply cable

LenthLength	100/200 meters
Wire diameter	6.5mm
Core wire	Silver-coated copper
	27AWG x 2 + 25AWG x 2

Precautions

1. Please ensure that you install and connect the AC power system after the ROV is powered off.
2. Check and keep both the communication interface and tether interface dry and clean before use. Salt and moisture may cause corrosion of the connector interface. If the interface happens to be wet, please ensure the use of fresh water to rinse the socket, use paper towels or cotton balls to absorb any moisture in the socket.
3. Pay attention to check whether the O-ring is on the connection cable connector. If it is missing or broken, please replace it in time.
4. After use, the mounting support and hang buckle seat can be left in place on the ROV. By doing so, it will be easier to facilitate the subsequent direct installation of the AC power system.
5. This product can only be applied in waters.

CHASING

www.chasing.com
support@chasing-innovation.com

This content is subject to change without prior notice,

you could have the latest user manual by the
www.chasing.com.