

POSEIDON ROBOTICS, LLC



SURFACE POWER UNIT, 500W AC

Our AC surface power unit represents a powerful and cost-effective upgrade to any small ROV. This Surface Power Unit, and accompanying Vehicle Power Unit, are designed to integrate seamlessly into a Blue Robotics, Inc. BlueROV2 with no modifications. The total system can provide 500W of power (at the ROV) continuously, thus eliminating the need to swap batteries during operations. This innovative retrofit also allows your ROV to be shipped air, no batteries. Ships as a set, tether and reel optional.

SPECIFICATIONS:

SURFACE POWER UNIT

1. 750W maximum output power
2. 240VAC, isolated output with GFCI
3. Integrated into IP67 case
4. Integrated communications to BlueROV
5. No FXTI required, Ethernet to Laptop
6. Binder tether QD
7. Prewired for 240VAC (120VAC optional)
8. Weight: 19 lbs
9. Dimensions: 14.9in X 12.1in X 6.9in

VEHICLE POWER UNIT

1. 500W continuous output power
2. 15.7VDC nominal
3. 16.5VDC no load/14.7VDC max power
4. Input voltage 120-300VAC
5. Weight 3.9/1.9 lbs (air/water)
6. Dimensions: 3.5in Dia. X 5.8in (housing)
7. Fully isolated output
8. SubConn MCBH8M tether QD
9. Over temp/under voltage/over voltage
10. All high voltage contacts encapsulated
11. Comms passthrough cable to ROV
12. Existing Blue Robotics power cable
13. 400m depth rating



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Visit our website: www.bluerov2-mdc.com for more information about the BlueROV2 and MDC.