



Benefits

- Depth rating of 3,000 m
- Integrated power supply for Echoscope® real-time 3D sonars and ISAR/IPT rotators
- Ease of integration for subsea vehicles and ROV
- Selectable voltage input (90-250V AC or 36-72V DC) for conversion to 24V DC output

Integrated Subsea Power Supply for Echoscope® Real-time 3D Sonars and ISAR/IPT Rotators

This cutting-edge Subsea Power Supply Unit (SSPSU 5G) is a breakthrough in underwater technology, designed to meet the demanding needs of modern subsea operations. With a depth rating of 3,000 meters, this integrated power supply unit is engineered to power Coda Octopus's real-time 3D sonars (Echoscope® or Echoscope PIPE®) and advanced rotator series (ISAR or IPT), delivering unparalleled performance and reliability.

The SSPSU 5G boasts a versatile input voltage capability, accepting both AC input (90-250V AC) and DC input (36-72V DC). This wide-ranging input flexibility ensures seamless integration with various vehicle power sources, providing you with the adaptability needed for diverse operational environments.

Designed to deliver consistent and robust power, the unit outputs 28V DC at a substantial 400W capacity, guaranteeing that your sonar and rotator systems receive the energy they need to operate at peak efficiency. Whether conducting deep-sea surveys or underwater inspections, the SSPSU 5G ensures that your equipment performs reliably, even in the most challenging conditions.

To enhance convenience and ease of integration, the SSPSU 5G comes supplied with all necessary cables. Understanding that different vehicles require different connectors, cable terminations can be customized to meet the specific needs of our clients. This client-centric approach ensures a perfect fit for your vehicle connector type, streamlining the setup process and minimizing downtime.

Specifications

Sensor Connector I/O	1 x Power Input Connector (SubConn® 12-pin) 1 x Rotator Connector (SubConn® 6-pin) 1 x Echoscope® Connector (SubConn® 13-pin) 1 x Comms/Data Connector (SubConn® 13-pin)
Power	1. AC/DC <ul style="list-style-type: none"> a. 90-250V AC Input b. 28V DC Output c. 10.8A Output 2. DC/DC <ul style="list-style-type: none"> a. 36-72V DC Input b. 28V DC Output c. 14.28A Output
Physical	Weight: 9.2 Kg Dimensions: 235mm x 150mm (HxD) - Cylindrical Excluding Connectors Storage Temperature: -20°-60°C - Non-condensing Operating Temperature: 0°-40°C
Cables	1 x Power Input Cable - 5m (CA0000604) 1 x Echoscope® Cable - 5m (CA0000606 - PIPE / CA0000607 - 4G) 1 x Rotator Cable Teledyne - 5m (CA0000608) 1 x Rotator Cable Sub-Conn - 5m (CA0000609) 1 x Comms Cable - 5m (CA0000605)

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