

Subsea PSU 5G

Integrated Subsea Power Supply

Designed to Deliver Consistent and Robust Power, Guaranteeing that your Sonar and Rotator Systems Receive the Energy they need to Operate at Peak Efficiency.

The 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 for Coda Octopus system installation to Work Class ROVs. 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. 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.

Some of the innovative Subsea PSU 5G features available are:



Integrated Power Supply

For all Echoscope PIPE® Real-Time 3D Sonars and Rotators



Demanding Requirements

Depth Rated to 3000 m



Ease of Integration

Simple Integration with Subsea Vehicles and ROVs



Selectable Voltage

Voltage Input (90 - 250 VAC or 36 - 72 V DC) for conversion to 24 V DC Output

Sensor Connector

1 Power Input Connector
1 Rotator Connector
1 Echoscope® Connector
1 Comms/Data Connector

Power

AC/DC
90 - 250 V AC Input
28 V DC Input
10.8 A Output

DC/DC
36 - 72 V DC Input
28 V DC Output
14.28 A Output

Weight

9.2 kg
(20.28 lbs)

Dimensions (H x D)

235 mm x 150 mm
(9.2" x 5.9" approx.)

Storage Temperature

-20° - 60° (Non Condensing)

Operating Temperature

0° - 40° C