

AC/DC buoy power supply for marine environment

Subsea Industry



The buoy project calls for a multitude of parameters to be adhered to. First and foremost, the understanding of the needs of the Project, followed by the ability to realise these needs. There are many who seem to understand the results, but not the preparation. SCHAEFER GmbH Germany has engineered solutions that have been placed on board of buoys at the sea. Calling for the highest level of reliability, the power system acts as it needs under all circumstances the environment asks of it. Some technical project parameters are given below:

- 8.5kW AC/DC power supply - marine environment (buoy)
- 1800V DC galvanically isolated output voltage
- Programmable output
- Reduced power while turn-on procedure
- Extreme environmental demands
- Extreme shock, vibration & temperature
- High grade industrial components
- Input / Output isolation
- Continuous short circuit protection
- Overvoltage protection

