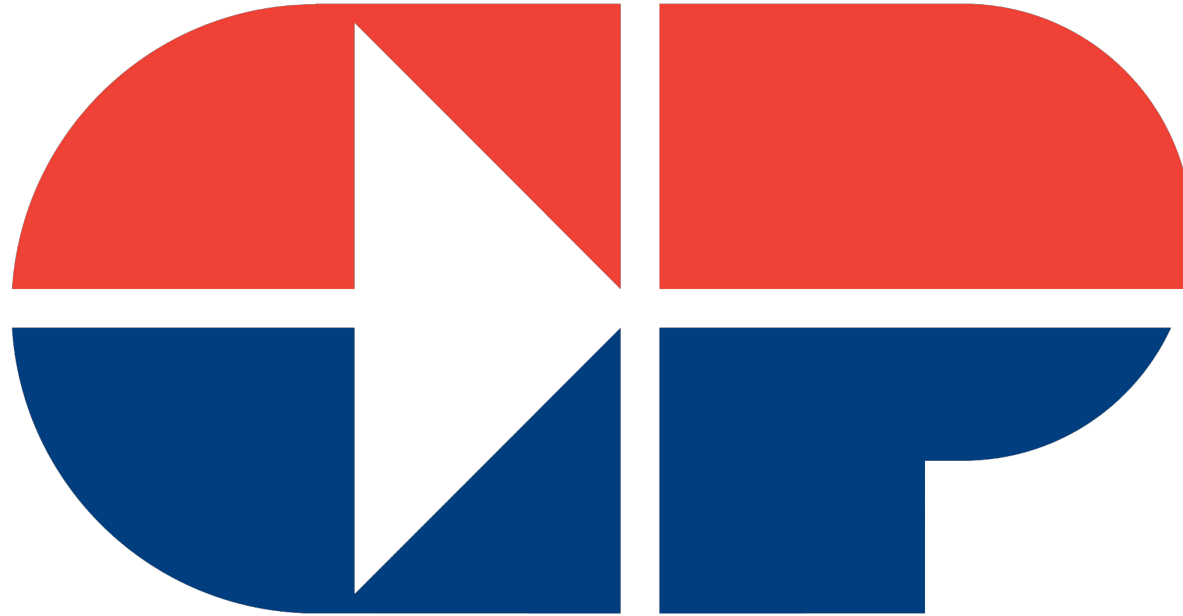




ComPower

TRUSTED SOLUTIONS

UPS, AtoN & Power Electronics

Supplier to naval defences for more than 30 years

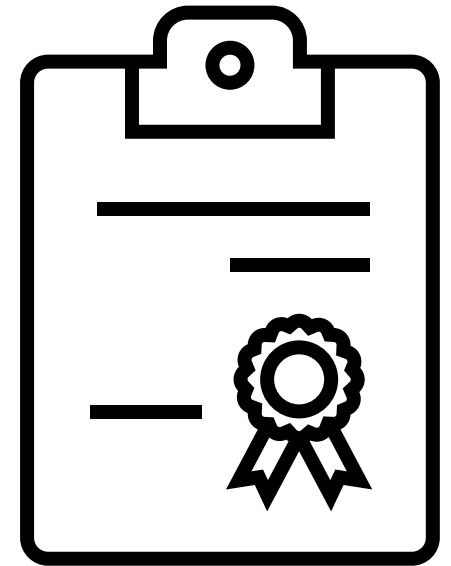
About us

- Started up in 1994
- Based near Haakonsvern and Flesland Airport/ heliport, Bergen
- Supply to ships, rigs and landinstallations
- Supplied UPS systems to more than 90% of the Norwegian Continental Shelf
- Supplied to naval defences both domestically and abroad for more than 30 years

Quality

We are certified according to:

- ISO 9001
- ISO 14001
- ISO 45001



Main products to naval defences

- AC UPS
- 400Hz frequency converter
- Helicopter starter
- Battery chargers and rectifiers



UPS System

- We supply modular systems which we design, produce, test, install and service
- Norwegian designed UPSs, with Norwegian sw.
- We also supply UPSs from Vertiv that we customise to the client's needs
- Our systems supply lights, communication, navigation, weapon systems, propulsion system, aso. on board ships



Voltage, frequency and effect

- Standard input voltages:
 - 110VAC
 - 230VAC
 - 400VAC
 - 440VAC
 - 690VAC
- Standard input frequencies:
 - 50Hz
 - 60Hz
- Standard output effect:
 - 750W-3.4MW



Helicopter starter

- Standard input voltages:
 - 230VAC
 - 400VAC
 - 440VAC
 - 690VAC
- Standard input frequencies:
 - 50Hz
 - 60Hz
- Output:
 - 3x115/200VAC, 400Hz, 30-180kVA
- Optional additional output for 30kVA-90kVA systems:
 - 28VDC, 300-2000A (2000A peak value)



Frequency Converter

- Standard input voltages:
 - 115VAC
 - 230VAC
 - 400VAC
- Standard output voltages:
 - 115VAC
 - 230VAC
 - 400VAC
- Standard output frequencies:
 - 50Hz
 - 60Hz
 - 400Hz
- Standard effects for 400Hz:
 - 200VA-90kVA
- Standard effects for 50/ 60Hz:
 - 200VA-400kVA



Battery chargers and rectifiers

- Generator coldstart requires high reactive power. This is supplied from starter batteries with high CCA (Cold Cranking Ampers)
- Our chargers are module based to ensure high reliability and easy exchange of modules
- Norwegian designed chargers with Norwegian sw
- Designed to quickly recharge the batteries

Our strengths

Customising to fit
clients' needs

Over 30 years of
experience in
supplying naval
defences globally

Modular systems
that are easy to
service

High operational
reliability

Available for
maintenance and
upgrades

Training courses:
personnell can
operate our systems
on all ships

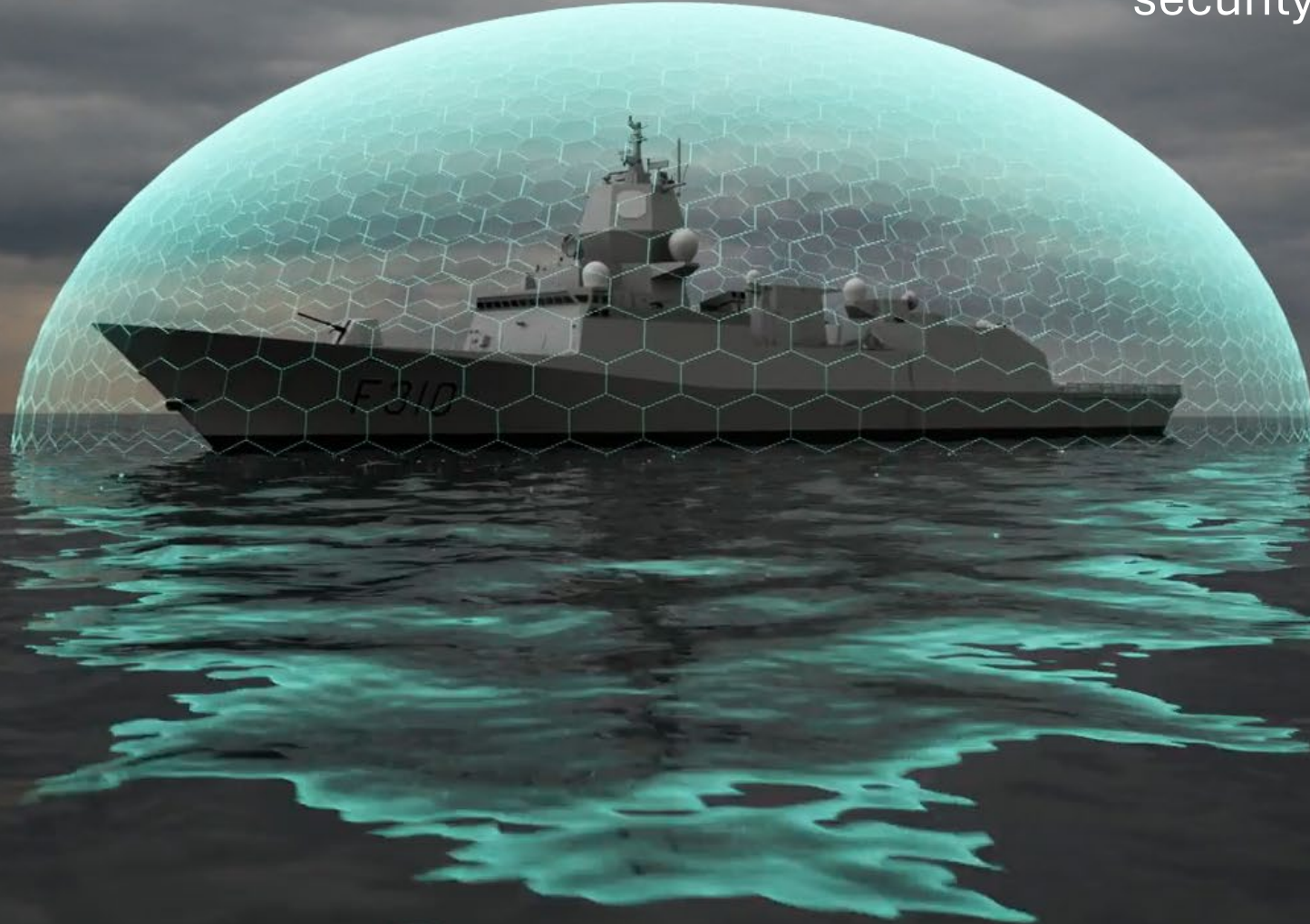
Low investments
and lifetime costs

17 employees = 1.5
offset ratio

We satisfy all requirements, including:

- MIL-STD
- STANAG
- IEC
- DNV
- Lloyd's
- BV
- ABS
- ITU
- CEN
- CENELEC
- ETSI
- NSF
- NEK

We also satisfy all cyber security requirements



Our references include:

- The Nansen-class frigates
- The Skjold-class corvettes
- The KV Svalbard-class
- The KV Nordkapp-class
- The Mine clearers
- The Reine-class
- The Coastal ranger command
- Various friendly naval defences abroad
 - 3 currently chosen on best technical solution

CONTACT INFORMATION

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