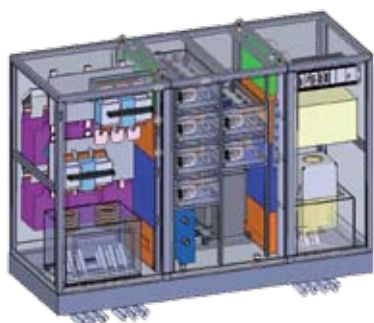
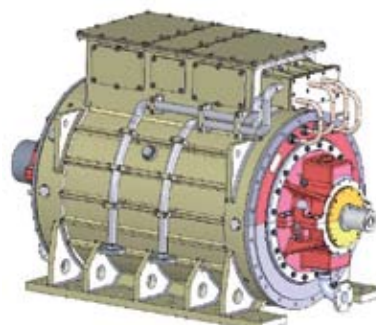


Electric propulsion motorisation for submarines



EPM rack



EPM motor

Designed for tactical and quiet speed propulsion of submarines

- Based on two 205V_{AC} dual stator induction motors
- Three phase inverter supplying each motor
- Used also as an embedded generator, with converters acting as three phase rectifiers

SPECIFICATIONS

MOTORS

Nominal power	>650kW
Nominal torque	To 1800rpm > 3183Nm
Dimensions	W=2000mm; D=1250mm; H=1100mm
Weight	5000kg
Protection degree	IP55
Water cooling	
Heating class	F

CONVERTERS

Nominal power	>650kW
Input voltage	From 360V _{DC} to 450V _{DC}
Nominal input current	1800A
Dimensions	W=2400mm; D=1000mm; H=1600mm
Weight	2000kg
EMC	According to STANAG 4437
Water cooling	
Two three phase inverter for each converter	
MMI local control or digital link remote	

Data are given by way of illustration and are liable to be modified without notice