On-board DC/AC static converters

- Transformation of direct voltage into variable alternative voltage
- Dedicated to applications in strict environments (submarines, ...)
- Compact, discrete, adaptive

6,5kVA

8,5kVA

25kVA

CARACTERISTIQUES

Power supply by a direct network 200V_{DC} to 500V_{DC}
Local and remote control on/off
Local and remote monitoring of defects and failures
EMC: GAM-EG 13C
IP55 protection
Output voltage and frequency setting

SPECIFICATIONS

Hygrometry	90%
Temperature	0°C / +55°C
Vibration	0,1 to 1Hz: a=50mm peak to peak 1 to 5Hz: g=100mg 5 to 22Hz: a=2mm peak to peak 22 to 50Hz: g=100mg
Shock	15g / 11ms
Acoustic noise	‹85dbA
Harmonic distortion rate	Hg‹3%
Efficiency	›90%
Galvanic insulation between output and input	›100MΩ under 500V
Protections against	Voltage shocks at the input Short-circuits Overvoltage and undervoltage Inrush currents Electrical overload Polarity reversion at the input Heating

POWER	5kVA	6,5kVA	8,5kVA		25kVA	60kVA
Output voltage	115V ±2% three-phase	115V ±1% three-phase	118V ±2% three-phase	235V ±2% mono-phase	235V ±2% three-phase	115V ±2% three-phase
Output voltage band	111V≤US≤119V	111V≤US≤118V	110V≤US≤125V	223V≤US≤247V	219V≤US≤251V	111V≤US≤119V
Output frequency	400Hz ±0,5%	60Hz ±0,5%	60Hz ±0,5%	60Hz ±0,5%	60Hz ±0,5%	60Hz ±5%
Output frequency band	58Hz‹f‹62Hz	58Hz‹f‹62Hz	50Hz‹f‹70Hz	50Hz‹f‹70Hz	50Hz‹f‹70Hz	58Hz‹f‹62Hz
Available outputs	1	5	6	6	10	1
Height in mm	600	850	850		1700	1700
Width in mm	670	600	600		594	800
Depth in mm	550	800	800		800	600
Weight in kg	160	350	330		495	780
Cooling	air	water (5l/min)	water (4l/min)		water (10l/min)	air

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

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