

SOLID STATE SERIES

5KW FM SOLID STATE POWER AMPLIFIER



HIGH RELIABILITY

Modular construction allows for the 600W power modules to be removed and reinserted during operation

Usage of MOSFET components with meantime before failure (MTBF) greater than 10.000 hours

Low operation temperature

Microprocessor controlled

LOWER OPERATION COST

High efficiency : lower power consumption

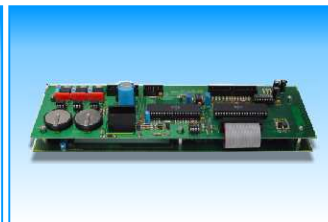
Smooth operation : no maintenance or readjustment needed

Low operating temperature : less cooling needed

EXCELLENT PERFORMANCE

Wide frequency range : guarantees correct modulation

Complies to the European safety (CE) and electromagnetic compatibility (EMC) standards



Amplifier modules	10PA + DRIVER
Output power	5000 W
Frequency range	87,5 - 108 MHz
Output impedance	50 OHMs
VSWR	1.5:1 max
Input impedance	50 OHMs
Output connector	EIA 7/8"
Input power	5 W
Harmonic output	-65dBc
Operating voltage	400 VAC three phase
Power consumption	9.8 KVA $\cos\phi=0.92$
Operating temperature	0-45 °C
Operating altitude	4000m max
Dimensions	56 x 74 x 171 cm
Weight	~300 Kgr

Specifications may change without notice