

ET10000-5

10000W ICEFET SOLID STATE FM TRANSMITTERS



ELENOS[®]
broadcast experience



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COMPOSITION

Exciter	n°1 ETG Indium series (depending on power)
Amplifier	n°2 Amplifier E5000-series (the specific power value of the amplifier depending on variants)
Combiner	n°1 2-way combiner IN 5000 - OUT 10000 with an internal load composed by 1 group of 6 resistance of 800W 50Ω

GENERAL DATA

Output Nominal Power	10000W adjustable
Operating band	87.5 - 108 MHz

INSTALLATION REQUIREMENTS

Power supply	230,380 Threephase Version 50-60Hz VAC
Power consumption	16KW
Current consumption @230VAC/Threephase	42A
Current consumption @380VAC/Threephase	24A

COOLING SYSTEM

Cooling system	Forced air-cooling
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ENVIRONMENT

Temperature range (operating)	-5 - +45 °C
Temperature range (non operating)	-20 - +55 °C
Humidity range (operating)	95% @ 40 °C
Humidity range (non operating)	90% @ 55 °C
Altitude range (operating)	<3000 meters
Altitude range (non operating)	<15000 meters

TELECONTROL & TELEMETRY

Remote control	Yes
Remote Control at clean contacts	Yes
SNMP option	Yes (external)

About exciter and amplifier data, please see the specific datasheets.

