

## ET5000 MAIN CHARACTERISTICS

### **ICE-FET:**

Means Mosfet and heat sink maximum efficiency to reduce temperature, in order to obtain a longer MTBF. The result is unmatched in size and weight by any other producer.

### **ALWAYS ON AIR: (FULLY REDUNDANT):**

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### **IPC (Intelligent Power Control):**

The IPC maintains constant the Output Power within 2% of the setting value, regardless of fluctuations in incoming AC line voltage, RF drive or load conditions.

### **IPF**

The IPF allows the transmitter to stay on air into loads as poor as 3 to 1

### **BROAD BAND:**

The transmitter keeps optimum performances of power and efficiency over the all Broad Band operation, no need of tuning what make it ideal for n+1 application.

### **CONSTANT EFFICIENCY:**

The VPA and the Bias are both controlled to obtain maximum efficiency at any frequency and output power level. Keep the efficiency high means low heat, low operative cost, longer MTBF.

### **NO IPA:**

In ELENOS transmitters, the IPA is always avoided. This choice eliminate one of the bottleneck in Redundancy frequently present on transmitters of this category.

### **EASY MAINTENANCE:**

All parts are easily accessible via front panel(RF modules, electronic control boards) or via rear panel (fans, combiners)

### **SMS ALARMS:**

All alarms and event can be send by SMS

### **REDUCED SIZE AND WEIGHT:**

Greatly reduced size and weight: the whole transmitter is contained in a 20-unit rack with a floor plan as less as 0,31 square meter!!! (50cm width x 86cm depth )

### **REMOTE DEEP DIAGNOSTIC CAPABILITY:**

The industrial standard Hostlink Protocol allow to safety handle huge quantity of information to perform remote deep diagnosis.

### **WORLDS WIDE SALES & SERVICE SUPPORT:**

ELENOS is the FM manufacturer with one of the biggest distribution channel of the world. Each distributor is chose mainly by the technical support customer capability.