

# FM Transmitters comparative chart

| POWER RANGE | 30W-1kW | 2-3 kW | 5-6 kW | 10-12 kW | 20kW | 30kW | 40kW |
|-------------|---------|--------|--------|----------|------|------|------|
|-------------|---------|--------|--------|----------|------|------|------|

## STANDARD FEATURES

|  |                               |              |            |              |          |          |          |
|--|-------------------------------|--------------|------------|--------------|----------|----------|----------|
| 19" rack dimensions                        | 2U                            | 3U           | 4U         | 28U          | 38U      | 42U      | 2x38U    |
| RF output power                            | 30; 50; 100; 350; 550; 1.100W | 2.2kW; 3.3kW | 5.5kW; 6kW | 10.5kW; 12kW | 22kW     | 30kW     | 40kW     |
| Standard frequency range 87.5 ÷ 108.00 MHz | Included                      | Included     | Included   | Included     | Included | Included | Included |
| Maximized Efficiency System (MES)* >84%    | Included                      | Included     | Included   | Included     | Included | Included | Included |
| L+R audio input                            | Included                      | Included     | Included   | Included     | Included | Included | Included |
| Composite audio input                      | Included                      | Included     | Included   | Included     | Included | Included | Included |
| Stereo coder inside                        | Included                      | Included     | Included   | Included     | Included | Included | Included |
| WEB TCP/IP remote control board inside     | Included                      | Included     | Included   | Included     | Included | Included | Included |
| SNMPv1 board inside                        | Included                      | Included     | Included   | Included     | Included | Included | Included |
| Ultimate Audio Quality (UAQ)**             | Included                      | Included     | Included   | Included     | Included | Included | Included |
| LCD Color Touch Screen                     | Included                      | Included     | Included   | Included     | Included | Included | Included |
| Standard tropicalization                   | Included                      | Included     | Included   | Included     | Included | Included | Included |
| Intelligent Air Cooling System (IACS)***   | Included                      | Included     | Included   | Included     | Included | Included | Included |
| 2-Years Standard Warranty                  | Included                      | Included     | Included   | Included     | Included | Included | Included |

## OPTIONS

|  |               |               |               |          |          |          |          |
|--|---------------|---------------|---------------|----------|----------|----------|----------|
| Digital modulation board (DDS)         | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| SNMP v2c or v3c inside                 | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| Digital audio inputs (AES/EBU)         | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| Multi-band audio processor inside      | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| Dinamic RDS inside                     | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| Audio Over IP inside                   | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| GPS external reference for SFN         | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| GSM Telemetry inside                   | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| Extended freq. range 65.8 ÷ 108.00 MHz | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| Hot swap RF modules & Power Supplies   | Not available | Optional      | Optional      | Optional | Optional | Optional | Optional |
| Anti-saline corrosion treatment        | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |
| Liquid cooling                         | Not available | Not available | Not available | Optional | Optional | Optional | Optional |
| 5-Years Extended Warranty              | Optional      | Optional      | Optional      | Optional | Optional | Optional | Optional |

(\* The Maximized Efficiency System (MES) is an intelligent system of automatic regulation of the working point of the power devices that allows to obtain efficiencies RF/AC up to 85%. MES makes it possible to drastically reduce electricity consumption and the amount of air needed to cool the machine. (\*\* The Ultimate Audio Quality (UAQ) is a sophisticated system developed by the RFE laboratories that allows to obtain audio quality levels higher than industry standards and the current characteristics of digital modulations.

(\*\*\*) Intelligent Air Cooling System (IACS) is a sophisticated system developed by the RFE laboratories that regulates the amount of cooling air according to the environmental conditions and the needs of the transmitter. IACS reduces energy spent on cooling by up to 40%.