



Digital TV Medium Power Complete Systems

MAIN CHARACTERISTICS:

- Forced-air Cooling System
- LDMOS Technology for UHF Versions
- High Efficiency
- Single Remote Control access point using Elettronika RCU
- All voltages and currents available on display

The systems in 'TV Medium Power Complete Systems' series are equipment designed to simplify transport and installation and to ensure high working reliability for directly powering antenna systems. The temperature of the amplifiers is guaranteed by a forced air cooling system extremely noiseless. The good MER value, LO phase noise and high performance digital processing of the exciter together with the great amplifier linearity, achieved with the use of the state-of-the-art LDMOS (UHF) and MOSFET (VHF) technology, ensure

a great overall performance. A microprocessor for each equipment monitors and controls the currents of the transistors and voltages of the power supply together with the measure of RF output power and the temperature of the heat-sinks. A multifunction display makes it possible to verify all the operating parameters of each unit. The systems in the series are completely (exciter + amplifier) remotable by a single access point using the Elettronika RCU equipment.

DVB-T/H Models

TXUD100	120W _{rms} - UHF	Composed by:	DVB-T/H Transm. + AUTV/500LD
TXUD200	250W _{rms} - UHF	Composed by:	DVB-T/H Transm. + AUTV/1000LD
TXUD300	300W _{rms} - UHF	Composed by:	DVB-T/H Transm. + AUTV/1500LD
TXVD100	100W _{rms} - VHF III	Composed by:	DVB-T/H Transm. + AVTV/500ST
TXVD200	200W _{rms} - VHF III	Composed by:	DVB-T/H Transm. + AVTV/1000ST
TXVD300	280W _{rms} - VHF III	Composed by:	DVB-T/H Transm. + AVTV/1500ST

ATSC Models

TXUD100	160W _{rms} - UHF	Composed by:	ATSC Mod. + Driver + AUTV/500LD
TXUD200	320W _{rms} - UHF	Composed by:	ATSC Mod. + Driver + AUTV/1000LD
TXUD300	500W _{rms} - UHF	Composed by:	ATSC Mod. + Driver + AUTV/1500LD
TXVD100	180W _{rms} - VHF III	Composed by:	ATSC Mod. + Driver + AVTV/500ST
TXVD200	360W _{rms} - VHF III	Composed by:	ATSC Mod. + Driver + AVTV/1000ST
TXVD300	500W _{rms} - VHF III	Composed by:	ATSC Mod. + Driver + AVTV/1500ST

