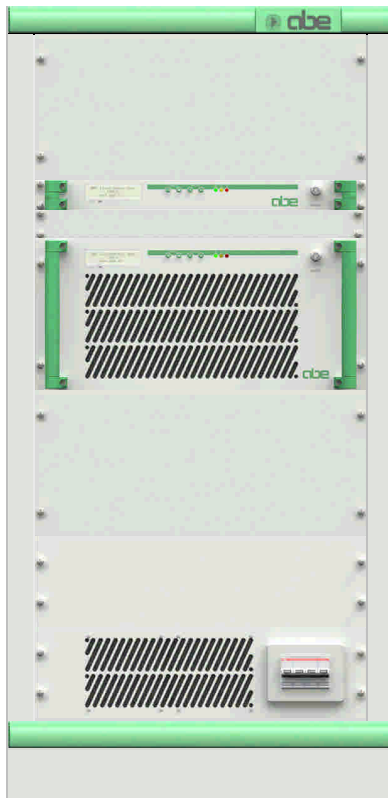




500W VHF DIGITAL TV TRANSMITTER



Output filter

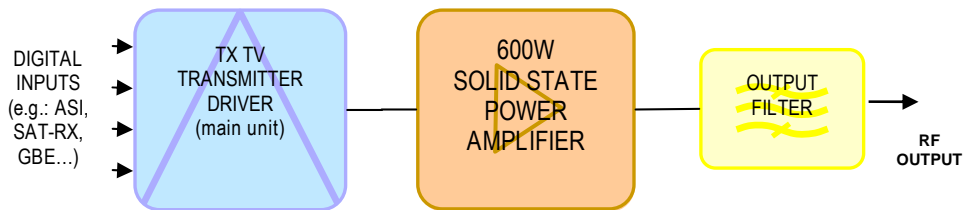
DTX - driver

Amplifier 600W

Mains switch



DTX 500/V BLOCK DIAGRAM



DTX 500/V Standard specification

GENERAL SPECIFICATIONS

Output frequency range:	UHF 175 to 230MHz in 1Hz steps
Output Power (before output filter):	500Wavg (tol. +0/-1dB)
Output connector:	Flange 7/8"
MER:	35dB (typ.; min. \geq 32dB)
Shoulders attenuation (before output filter):	38dB (typ.; min. \geq 36dB)
Housing:	Rack Cabinet 19" 25U
Power consumption:	\leq 4KVA (typ. ; 5KVA max)
Power supply:	230 Vac \pm 10% 50/60Hz single phase (different power supplies and tolerances avail-able on request)

Note:

For standard specifications, and general description, please refer to the brochure DTX-TX series.

For TV transmitter driver technical specifications please refer to the brochure DTX 50 – 100/U except for output power and housing.

All specifications contained in this document may be changed without prior notice.