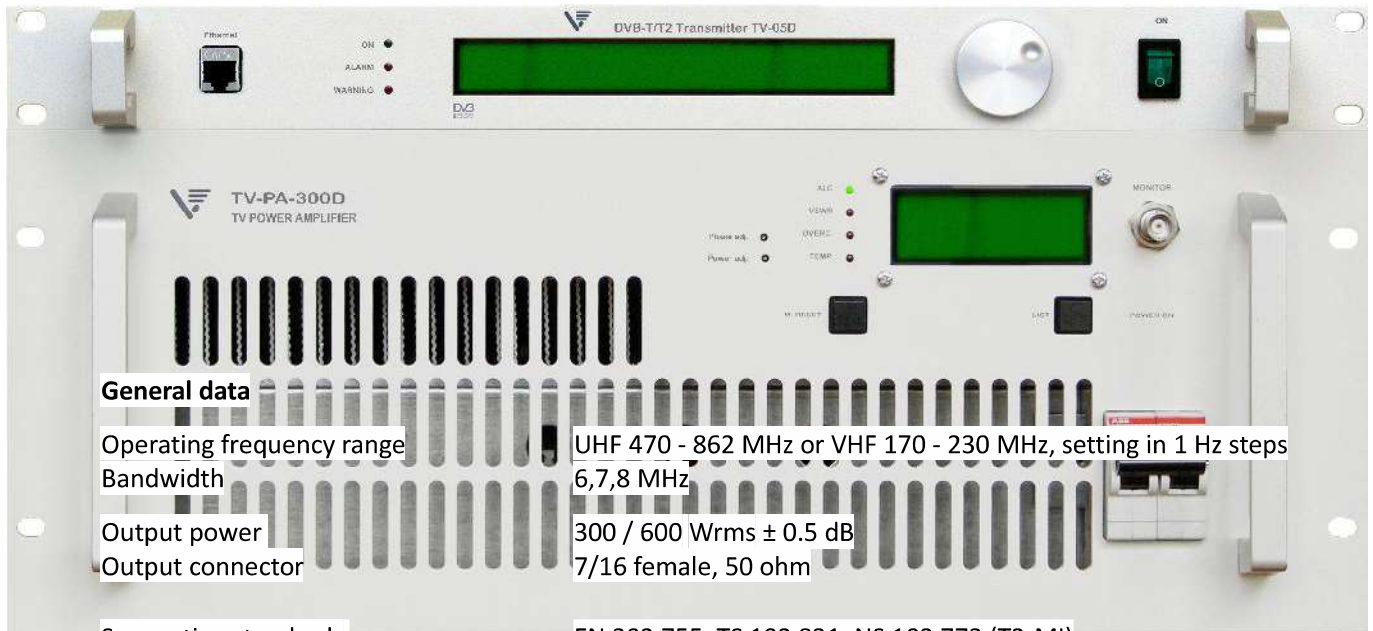


1+4U DVB-T/T2 Transmitters TV-300/600D



General data

Operating frequency range

UHF 470 - 862 MHz or VHF 170 - 230 MHz, setting in 1 Hz steps

Bandwidth

6,7,8 MHz

Output power

300 / 600 Wrms \pm 0.5 dB

Output connector

7/16 female, 50 ohm

Supporting standards

EN 302 755, TS 102 831, NS 102 773 (T2-MI)

TS Input interface

2 x ASI T2-MI, BNC 75 ohm
 2 x ASI TS, BNC 75 ohm (mode A option)
 2 x TsoIP 1Gb, RG45 (TsoIP option)

ASI monitor

BNC female 75 ohm

GNSS antenna input

1 x GNSS antenna, TNC 50 ohm, user selectable DC bias
 integrated multi standard receiver (GNSS option)

External SFN timing:

1pps input / output
 10MHz input / output

BNC female 50 ohm
 BNC female 50 ohm

Control and settings

Control Interface

on front panel and remotely
 1 x RJ45 in front panel + 2 x RJ45 in rear panel
 1 x RS-232
 1 x RS-485 for external amplifiers

Remote control

RS232, Ethernet (WEB and SNMP)
 WEB GUI control for use with standard Web Broser.

MER

\geq 35 dB

Operating condition:

Temperature range

+5 ... +45 °C /

Humidity

80% non condensing

AC power supply

\sim 220 V or 3 phaces \sim 400 V +10/-15% ; 50 \pm 2 Hz

Efficiency

depend on amplifier design: Broadband
 Doherty
 Broadband Doherty

Cooling

forced air

Dimension / Wethht

1+2U 19" / 20

Weight

20 kg

Options

Digital adaptive pre-corrector (DAP option)

Integrated Multi Standard Global Navigation Satellite System (GNSS option) GPS and GLONASS support

Mode A supported "legacy" TS input for NFM single PLP only (mode A option)

Bandpass DTV filter