



NAUDI

National Association of
Ukrainian Defense Industries



KVERTUS



KVERTUS AD G-6+

KVERTUS AD G-6+ ensures effective counteraction to UAVs that can target military, civilian, and critical infrastructure facilities. It works by suppressing a drone's guidance, navigation, and control channels, leading to its neutralization and forced landing.

Delivery pack contents:

KVERTUS AD G-6+	1 pc.	Charger	1 pc.
TDS and user manual	1 pc.	Set of camouflage covers	1 pc.
Carrying belt	1 pc.	Rechargeable battery 24V 6Ah	1 pc.
Carrying bag	1 pc.	Rechargeable battery 24V 12Ah	1 pc.

- 90 W** Total output power
- Up to 3.5 km** UAV blocking range
- Up to 21 dB** Aerial gain
- 6 kg** Weight with 24V 6Ah battery
- Warm-up time from power-on is up to 0.5 sec.**
- Aerial radiation pattern 30°**
- 6 frequency ranges**



ELECTROMAGNETIC INTERFERENCE SPECTRA

Interference channel	Electromagnetic noise spectrum, MHz	Power, W
Remote radio control	433-434	10
Remote radio control	860-930	10
GPS navigation L2, L5	1150-1250	10
GPS navigation L1 + GLONASS	1550-1620	20
Remote radio control and video data transmission	2400-2500	20
Remote radio control and video data transmission	5700-5900	20

EQUIPMENT CHARACTERISTICS:

- 1 The UAV blocking range is up to 3 500 m (depending on the location of a drone operator).
 - 2 Type of noise interference: white noise, normalized noise disturbance: 0,8.
 - 3 Aerial gain may range from 8 to 21 dB, depending on the requirements of design documentation.
 - 4 Warm-up time from power-on is up to 0.5 sec.
 - 5 The battery is charged with AC mains power (50 Hz, 220 V). Permissible deviations as per DSTU 4177 range from -15% to +10%.
 - 6 Charger power consumption is up to 150 W.
 - 7 Operating time with a 6Ah battery is 20 minutes, with a 12Ah battery - 40.
 - 8 Maximum levels of radio frequency emission do not exceed those stipulated in clause 4.5 of DSN 3.3.6.096 (in equipment operation areas) and clause 1.3 of DSTN 239 (in populated areas).
 - 9 The level of radio interference to other devices and equipment does not exceed the values stipulated in DSTU ETSI EN 300 440-2, DSTU EN 55014-1, DSTU IEC 61000-3-2, DSTU EN 61000-6-3, and DSTU IEC 61000-2-4.
 - 10 Electromagnetic field immunity of the device complies with the requirements of DSTU EN 55014-2 and DSTU EN 61000-6-14.
 - 11 Weight: 6 kg (equipped with a 24V 6Ah battery)
 - 12 Dimensions: 765x335x100 mm.
- Power consumption of the S.7-5.9 Ghz interference generator is increased twofold, allowing for more effective counteraction to advanced UAVs.



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