



PERUN

A trench-based electronic warfare (EW) system that suppresses signals of enemy reconnaissance and strike UAVs, preventing targeting and fire adjustment.

KEY TACTICAL AND TECHNICAL CHARACTERISTICS

COMBAT CHARACTERISTICS

Battery charge level indicator	Operating range
SCALE 4	200 M
Autonomous operation time at maximum power	Frequency bands
160 MIN	2400-2500 MHz, 5725-5850 MHz

TECHNICAL SPECIFICATIONS ENSURING FUNCTIONAL PERFORMANCE AS INTENDED

Number of modules	Power consumption	Cooling system
2 PCS	330 WH	4×80 MM FANS
Power supply	BATTERY, LI-ION 29.2 V, 870 WH, 29.8 AH	
Module power (5.8 GHz)	Module power (2.4 GHz)	Total radio modules power
50 W	50 W	100 W
Charger	Input voltage	
438 W, 29.2 V	220 V	
Antenna type	CLOVERLEAF OMNIDIRECTIONAL. RIGHT-HAND POLARIZATION	
Operating frequency range (antenna 1)	Operating frequency range (antenna 2)	
5700-5880 MHz	2380-2420 MHz	
VSWR (antenna 1)	VSWR (antenna 2)	Weight
1.05-1.4	1.05-1.4	8 KG

MECHANICAL CHARACTERISTICS

Dust protection	Moisture protection	Usable in rainy conditions
NO	NO	YES
Vibration resistance	Ingress Protection	
YES	IP 53	
Enclosure	STAINLESS STEEL	

ENDURANCE PARAMETERS

Service life	Storage life
500 CYCLES	1 YEAR

COMPLIANCE WITH RESISTANCE GROUP TO NATURAL AND MAN-MADE EXTERNAL FACTORS

Temperature range	Humidity	
-20 TO +50 °C	95 % RH	
Vibration and shock	RESISTANT TO DROP FROM 1 METER HEIGHT	
Magnetic and electric fields (E, C, T, H)	Radio-frequency radiation	Electromagnetic impulses (EMI)
NO INTERFERENCE	NO INTERFERENCE	NO INTERFERENCE