ALAS - C
Advanced light attack system

BATTERY COMMAND POST

PURPOSE:

- The unified Battery Command Post (BCP) is designed for:
- Automation of the process of acquisition, processing and display of situation in the air, at sea or onland,
- Surveillance of the border accesses, borders, vital facilities in the area of responsibility,
- Surveillance of the situation at sea and in the coastal area of responsibility,
- Processing data received from its own sensors (radar, optoelectronic equipment, RF sensor),
- Receiving data and commands and sending the reports and statuses to the higher command (Battalion Command Post - BtnCP),
- Manual, semi-automatic and automatic optimization of target assignment and the deployment of fire units (TEWA),
- Command and control of fire of subordinated fire units,
- Creating and simulating situations for the purpose of crew training,
- Recording, storing and replaying critical situations for the purpose of analysis.

COMPOSITION:

- Towing vehicle 6x6 or 8x8,
- Command cabin,
- Sensors (radar + optoelectronic equipment, RF sensor),
- Sensor lifting mast ,
- Electrohydraulic resting and leveling subsystem,
- Power supply generator,
- Auxiliary equipment (air conditioning, NBC protection, fire protection).

TACTICAL CHARACTERISTICS:

- Centralized and de-centralized mode of operation,
- Receiving data and commands from the higher command,
- Reporting to the higher command,
- Using own sensors,
- Real-time forming of the situational awareness in the area of responsibility,
- Optimization of the target assignment and the deployment of fire units,
- Display of deployment and combat readiness of the units in the area of responsibility,
- Display of situation on various formats (vector map, raster map, digital map)
- Creating and simulating scenarios for crew training.

BATTALION COMMAND POST-MOBILE

- PURPOSEThe unified Battalion Command Post (BtnCP) in mobile or stationary configuration is designed for:
- Automation of the process of acquisition, processing and display of situation in the air, at sea or on land from own sensors and connected sensor stations at the battery level;
- Processing data received from its own sensors and sensor stations;
- Receiving commands and data from higher command;
- Sending reports and statuses to higher command;
- Manual, semi-automatic and automatic optimization of target assignment and the deployment of fire units (TEWA);
- Command and control of fire of subordinated fire units;
- Creating and simulating situations for the purpose of crew training;
- Recording, storing and reproducing critical situations for the purpose of analysis.

TACTICAL CHARACTERISTICS

- Mobile and stationary version
- Centralized and de-centralized mode of operation,
- Receiving data and reporting to the higher command,
- Receiving data, statuses and reports and sending commands and data to the subordinate units,
- Using own sensors,
- Real-time forming of the situational awareness in the area of responsibility,
- Optimization of the target assignment for the deployment of fire units,
- Display of deployment and combat readiness of the units in the area of responsibility,
- Display of situation on various formats (vector map, raster map, digital map),
- Creating and simulating scenarios for crew training.

POWER PLANT/ADP-12-3x400/230-F50 YU

- Type: ADP-12-3x400/230-F50 YU
- Prime power (kVA): 15
- Active power (kW): 12
- Power factor: $\cos j = 0,8$
- Output voltage (V): 400/230
- Output current (A): 21
- Output frequency (Hz): 50
- Number of phase: 3
- Type of fuel: Euro Diesel
- Tank capacity (l): 50
- Weight total (kg): 2650
- Dimensions (mm): 3800x2155x2400
- Trailer

ENGINE:

- Engine Type: diesel, 4 cycle, 3 cylinders
- Continuous Rated Output (kW): 26
- Speed (rpm): 3600
- Number of cylinders: 3
- Cooling system: liquid-cooled
- Start system: battery 12V/45Ah

ALTERNATOR

- Continuous power (kVA): 17,5
- Active power (kW): 14
- Voltage (V): 400
- Current (A): 25,3
- Frequency (HZ): 50
- Power factor: $\cos j = 0,8$
- Class insulation: H
- Protection: IP 23
- Maximum over speed (rpm): 3600