

BTR-3E1

ARMORED PERSONNEL CARRIER



The BTR – 3E1 Armored Personnel Carrier (APC) is intended to transport mechanized infantry units and to provide fire support in combat operations. It can be used as a basic vehicle foreequipping quick-reaction forces and marine units. The APC can operate day-and-night, under various climatic conditions, on hard-surface roads, off-road, and in NBC environment.

Armament:

Automatic Gun	ZTM-1
Caliber	30 mm
Coaxial machine gun	KT-7,62
Caliber	7,62 mm
Grenade launcher	KBA-117(AG-17)
Caliber	30 mm
Antitank missile complex	complex 212
Range of fire maximum	5000 m

Dimensions:
7850x2900x2774



Crew:
3+10



Weight:
16 t.



Engine:
MTU 6R106TD21



Maximum Speed:
100 km/h



Airtight and waterproof armored carrying hull is a basis of the vehicle structure. The hull is made of a very hard steel and is reinforced with Kevlar from inside. The hull provides protection against 7.62mm bullets and it is possible to improve the protection level up to the level resisting to 12.7mm bullets.

Armament:

- “Shturm” combat module
- or “Shturm-S” combat module
- or “Shkval” combat module

The crew is accommodated in the airtight and waterproof hull which protects them against nuclear radiation, chemical and biological effects.

The number of hatches designed for boarding and dismounting of the crew is 6.

The design of the armored hull and running gear provides high-level protection against explosion after hitting an anti-tank mine.

The number of ports designed for firing from personal weapons is 8.

Auxiliary Equipment:

- Pull winch (force, t) 6
- Firefighting system (type) Automatic
- Filtration unit (type) With full-flow filter
- Heater (heating efficiency, kW) 18
- Air conditioner (cooling efficiency, kW) 10

- Engine (type and model): Diesel, MTU 6R106TD21 or DEUTZ BF6M 1015
- Power output, h.p.: 326
- Transmission: Automatic, Allison Transmission 3200 SP



BTR-3M1

81-MM SELF-PROPELLED MORTAR

Intended for direct fire support of infantry subunits, is capable to follow tanks, on the move overcome entrenchments, trenches and water obstacles.

-  Dimensions: 7850x2900x2600
-  Crew: 4
-  Weight: 16,5 t
-  Engine: MTU 6R106TD21
-  Maximum Speed: 100 km/h



Armament:

Main armament	81-mm mortar
Machine gun	NSVT (KT-12,7)
Caliber	12,7 mm

BTR-3E

ARMORED PERSONNEL CARRIER

The BTR – 3E is armored carried vehicle intended for transportation of personnel of motorized infantry sub-units and its firing support in combat conditions.

-  Dimensions: 7650x2900x2860
-  Crew: 3+7
-  Troops: 6
-  Weight: 16 t
-  Engine: UTD-20 (diesel), 300hp
-  Maximum Speed: 85 km/h



Armament:

Automatic Gun	ZTM-1
Caliber	30 mm
Machine gun	KT(PKT)
Caliber	7,62 mm
Grenade launcher	AG-17
Caliber	30 mm
Anti-tank guided missile	«Barrier»

BTR-3M2

120-MM SELF-PROPELLED MORTAR

Intended for direct fire support of infantry subunits, is capable to follow tanks, on the move overcome entrenchments, trenches and water obstacles.



-  Dimensions: 2900x2600
-  Crew: 4
-  Weight: 16,5 t
-  Engine: MTU 6R106TD21
-  Maximum Speed: 100 km/h

Armament:

Main armament	120-mm mortar
Machine gun	NSVT (KT-12,7)
Caliber	12,7 mm

BTR-3K

ARMORED PERSONNEL CARRIER

Vehicle is intended for control of mobile subunits of infantry forces, equipped with BTR-3E1 Armored Personnel Carriers, it is capable to follow tanks, on the move overcome trenches and water obstacles.



-  Dimensions: 7850x2900x2774
-  Crew: 3
-  Landing forces: 6
-  Weight: 16,5 t
-  Engine: MTU 6R106ND21
-  Maximum Speed: 100 km/h

Armament:

Automatic gun	ZTM-1
Caliber	30 mm
Machine gun	PKT (KT-7,62)
Caliber	7,62 mm
Grenade launcher	AG-17
Caliber	30 mm
Anti-tank missile system	ATMS «Barrier»

BTR-3RK

COMBAT VEHICLE WITH ATGM

Combat wheeled amphibious vehicle with armored protection, high level of mobility and armament (including control complex), it is able rapidly identify, recognize and destroy ground-based (as well as armored) and low-flying targets with high efficiency, and intended to transport mechanized infantry units. Armored personnel carrier is to follow tanks, on the move overcome trenches and water obstacles.

 Dimensions:
7850x2900x2774

 Crew:
4

 Weight:
16,5 t

 Engine:
MTU 6R106TD21

 Maximum Speed:
100 km/h

Armament:

Main armament	Anti-tank missile system
Auxiliary armament	Turret machine gun mount
Machine gun	NSVT -12,7
Caliber	12,7 mm



BTR-3S

ARMORED MEDICAL VEHICLE

BTR-3S Armored Medical Vehicle is intended to search and evacuate wounded men from fires of mass defeat and provide them with medical service (including first aid during transportation) under different natural-climatic conditions and during any time of the year, day and night, and also to be used as mobile bandaging room.

 Dimensions:
7850x2900x2800

 Crew:
3

 Weight:
15,5 t

 Engine:
MTU 6R106TD21

 Maximum Speed:
100 km/h

Armament:

The self-powered open antiaircraft-machine-gun installation

Machine gun NSVT (KT-12,7)

Caliber 12,7 mm

Quantity of places for transportation of wounded men:

Lightly wounded (in a sitting position)	6
Critically wounded patients (on a litter)	4

