

NAM "Perun" Main Battery Railcannon MBR-01a

A large, brute beast of a weapon, the NAM "Perun" Main Battery Railcannon MBR-01a was developed in [YE 41](#) for the [NSN](#). The Perun has a singular purpose and even had its own special UMD Canister developed for that purpose: smashing hostile ships too well protected against energy weapons and too well defended against missiles and fighters with a massive 16 inch shell. Developed by [Nepleslian Arms and Munitions](#), the Perun is the hammer of the ancient storm god, back to smite the enemies of Nepleslia.

About the Perun

The Perun is not a replacement for any weapon: the primary direct anti-capital ship weapon of the NSN remains long range missile fire. What the Perun does is give the biggest battlewagons of the next generation of Nepleslian Navy a weapon that lets them lay down devastating fire from range or up close when energy weapons and missiles are ineffective. The Perun is capable of throwing such large shells as it has thanks to its Virtual Barrel technology, which uses quick pulses of lasers to ionize atmosphere or expelled gas in front of a weapon's barrel, then electromagnetic fields to shape the ionized gas into extensions of the weapon's acceleration rails.

The Perun is a big gun, with a caliber of 16 inches and a round to match. The weapon is intended purely for mounting in twin or triple turrets as a primary armament, but the inherent advantages of a big heavy shell means that the Perun finds a secondary use as a fire support and bombardment weapon.

Nomenclature Information

- Designer: [Nepleslian Arms and Munitions](#)
- Manufacturer: [Nepleslian Arms and Munitions](#)
- Name: NAM "Perun" Main Battery Railcannon
- Nomenclature: MBR-01a
- Type: Mass Driver
- Role: Anti-Starship
- Length: 18.2 Meters ¹⁾
- Weight: Variable

Appearance

Because it is only intended to be mounted in a few specific platforms, the Perun's appearance is fairly standardized. Most of the weapon's guts are contained within the mounting turret, which will usually have between two and three Perun's in it. The barrel of the Perun is the most distinctive bit, being two parallel rails, each rail fitted with rectangular housing for power circuits and the virtual barrel system.

Discharge Information

- Muzzle Flash: When fired, the Perun produces a spurt of white brilliant plasma that dissipates from the force of the traveling round. Because of the sheer size of the Perun's round, this flash can resemble the distinct 'double flash' of a nuclear initiation.
- Retort: The Perun is loud when fired, generating massive booms within the ship firing it- the passing canister sounds like a locomotive going by at many times the speed of sound.
- Projectile Appearance: A large cylindrical UMD round.
- Effective Range: 30,000 meters in the atmosphere, 1 AU in space.
- Rate of Fire: 4 Rounds per Minute
- Recoil: Heavy. Don't put this on anything smaller than a Battleship.

Ammunition

The Perun uses specially developed 16-inch UMD canisters as ammunition.

- Ammunition:Starship Grade uMD Canisters
- Purpose: Varies by munition
- Round Capacity: Variable; dependent on vessel's magazine

UMD Purpose Chart		
Type	Purpose	Blast Radius
RED High Explosive Canister	Tier 13, Light Anti-Capital Ship, can achieve Tier 14, Medium Anti-Capital Ship if shell penetrates target's armor before detonating	40m
WHITE Tungsten Penetrator Canister	Tier 14, Medium Anti-Capital Ship, reduced to Tier 10, Light Anti-Starship against shields	N/A
BLACK Executioner High Explosive Armor Piercing	Tier 12, Heavy Anti-Starship	N/A
BLUE EMP Canister	Tier 14, Medium Anti-Capital Ship to shields, minor electronic scrambling effects against unshielded targets.	N/A
GREEN Antimatter Canister	Tier 14, Medium Anti-Capital Ship	N/A

Weapon Mechanisms

- Firing Mechanism: The loaded round is rapidly accelerated down the barrel by a pair of electromagnetic rails within the weapon's barrel. The Virtual Barrel is generated before firing, with the gases of the barrel dissipating after each round fired.
- Loading: Usually through a breach in the rear by an auto-loader system but it depends on the ship and mount.

Other

Pricing

- Perun Railcannon is not for sale outside of the [SMDIoN](#).

Replaceable Parts and Components

Ammunition

[UMD Canisters](#) are not for sale outside of the [SMDIoN](#).

OOC Notes

[Firebrand](#) created this article on 2019/09/10 04:15.

- [Approval Thread](#)

¹⁾

60 Feet

From:

<https://wiki.starmy.com/> - **STAR ARMY**

Permanent link:

<https://wiki.starmy.com/doku.php?id=faction:nepleslia:weapons:perun>

Last update: **2023/12/21 04:24**

