

PMOPE Components

In order to function, the [Partizan Modular Particle Emitter](#) requires a Fuel Canister, Power pack or backpack, and, optionally, a Coolant Cell, requiring the operator of the weapon to pay careful attention to his stocks of all three resources.

Partizan Fuel Canister

The fuel canisters are typically filled with noble gasses and require the power pack/backpack in order to enable the weapon to function. The gas of choice is commonly krypton due to its green color when electrically excited, although the can may be filled with any of them depending on the output color the user wants. This proved useful during testing phases since squad leaders could select a different color for their weapon and thus guide the squad's fire.

Currently, a design for a "plasma-mix" fuel canister is on the works so that the weapon may also give the operator some chance against Zesuaium.

The gas particles are accelerated by power provided by the Partizan's battery/power backpack. Fuel canisters last a long time and will typically provide the user with enough shots for the duration of a mission.

Stats

- Damage Rating: Fire mode Dependent
- Size: About the size of a 160ml soda can.
- Caliber: N/A
- Damage Description: N/A
- Effective Range: 2km in atmosphere, unlimited in space
- Muzzle Velocity: Near 1c
- Muzzle Blast: Bright, solid beam with color dependent on the type of noble gas used. The default gas is krypton, which creates a bright green beam. Partizan's Sniper variant changes the beam appearance to ultraviolet light, effectively making it invisible to the naked eye.
- Recoil: Negligible.
- Energy Source: Partizan battery/power backpack

Power Units

Battery

Roughly analogous to a magazine in a conventional firearm, the Partizan's individual battery charges the gas particles provided by the fuel canister, thus allowing the gun to fling the particles at whoever the

operator decides that needs to die.

The Partizan power pack requires a Partizan fuel canister in order to enable the weapon to function.

Stats

- Damage Rating: Fire mode dependent
- Size: The size of a 20rd magazine
- Weight: 0.6kg (~1.5lbs)

Partizan Power Backpack

Typically used in the SAW variant of the Partizan, the Power Backpack allows the operator functionally unlimited ammunition during a mission at the cost of weight and encumbrance. The Power Backpack is simply an ugly, boxy-like housing for multiple, daisy-chained batteries that can be attached to straps. The gun draws power from it using a power cable that plugs in where a power pack would go, and can also recharge the power cells by plugging the pack into a power outlet or any other electrical power source.

The Partizan power backpack requires a Partizan fuel canister in order to enable the weapon to function.

Stats

- Damage Rating: Fire mode dependent
- Size: The size of a common assault pack
- Weight: 6kg (~13lbs)

Partizan Coolant Cell

The same coolant material used in the Nepleslian trademark [HPAR](#), adapted to work in the Partizan. The coolant cell fits into the grip of the weapon¹⁾ and gives the user the capacity to instantly flush excess heat from the weapon by drawing the coolant from the canister through positive pressure. Although not strictly necessary to the operation of the PMOPE, the coolant cells vastly increase the efficiency of the weapon's heat dispersal, and thus, combat effectiveness.

Coolant Cells will burn out after several power packs of worth of continuous fire depending on how well the shooter manages his fire, thereby forcing the gun to use its much less efficient air cooling system. The gun can function without these Coolant Cells, but they are recommended for more efficient use and a longer gun lifespan since during testing phase it was discovered that the internal heatsinks tended to melt by firing too long without flushing the coolant, causing catastrophic failures.

Stats

- Damage Rating: N/A
- Size: About the size of a pistol magazine.
- Caliber: N/A
- Effective Range: N/A
- Muzzle Velocity: N/A
- Energy Source: N/A

OOO Notes

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¹⁾

much like a pistol magazine

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