

# Standard General Assault Rifle

The Standard General Assault Rifle is a lightweight, high-powered assault rifle made by [Origin](#). Due to its nomenclature (SGAR), the rifle has been dubbed the 'Sugar' rifle by its users. The SGAR was removed from production in [YE 37](#), but it is still widely available on the used market.

## Weapon Specifications

### Nomenclature Information

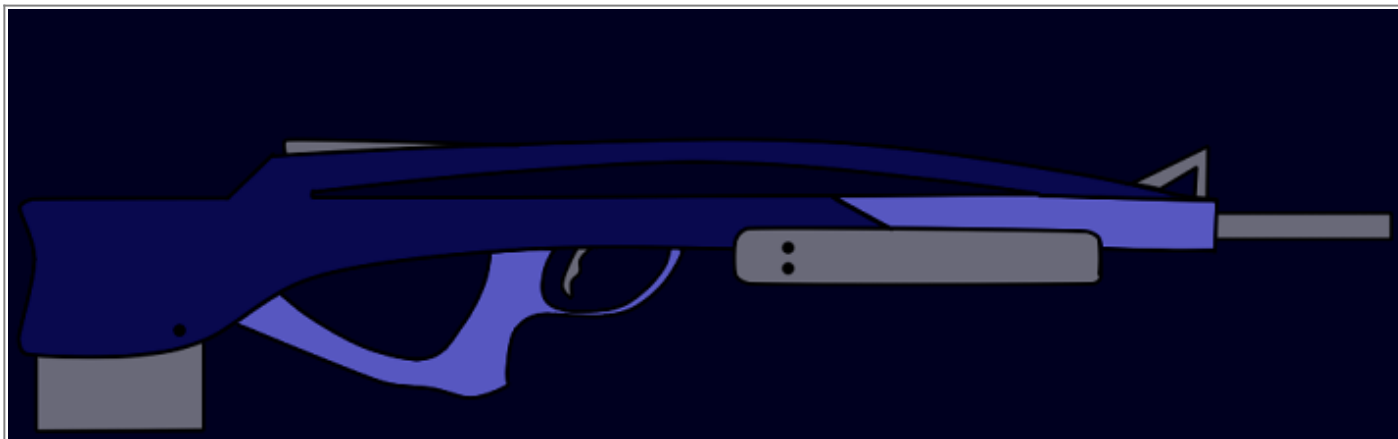
- Nomenclature: OI-W2-1A
- Designer: Rob Robertson III
- Manufacturer: [ODM](#)
- Name: Standard General Assault Rifle
- Type: Energy-based Assault rifle
- Role: Assault rifle
- Length: 35 inches
- **Barrel Length:** 30 inches
- Mass: 6 Lbs
- **ROF:** Semi-Automatic/ 200 RPM

### History

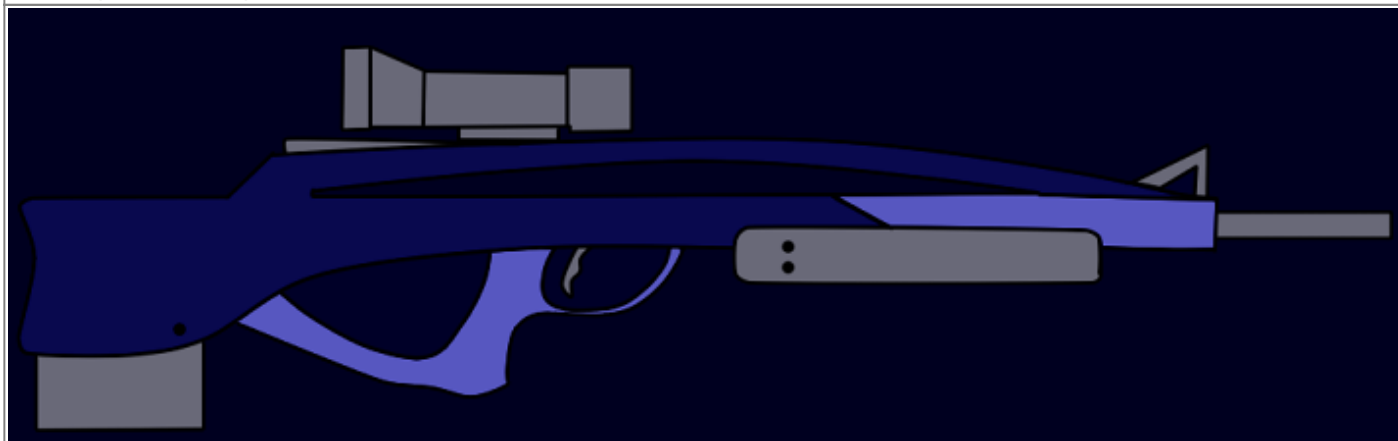
The Standard General Assault Rifle, or SGAR, was designed by Rob Robertson III to be both functional and aesthetically pleasing. Concieved near the end of [YE 30](#), it would not be completed until [YE 31](#), as there was trouble getting the focusing lenses to handle properly under the amount of energy passed through them to form the laser beam, but eventually a suitable design and material was found, allowing the energy to be focused into a sufficiently cohesive beam without melting or charring.

### Appearance

Standard
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With Optional Scope



## Discharge Information

High powered focused energy pulse In the form of a Laser beam pulse. This focused beam does damage by flash-superheating anything it comes into contact with, which can often result in small explosions as materials turn from the solid or liquid state into the gaseous state.

## Firing Mechanism

Upon pulling the trigger, energy is drawn from the battery and focused through a series of lenses to produce a Laser beam pulse.

## Ammunition Description

- **Power:** Tier 2, Medium Anti-Personnel
- Effective Range 2,000 meters
- Maximum Range: 2,000 meters
- Muzzle Velocity: 1C
- Muzzle Blast: A green flash
- Firing Mode: Semi-automatic, Automatic

- Recoil: Little to none
- **Battery:** [Interchangeable High-Volume Capacitor](#)
- **Rounds per battery:** 50

## Weapon Mechanisms

- **Safety:** button below the rear gun sights on the right
- **Fire Mode Selector:** auto/semi-auto/stun switch on the left side of the gun
- **Weapon Sight:** Manual sights on top of the gun
- **Attachment Hard Points:** The rear part of the Manual sight acts as a rail-type hard point, allowing scopes to be attached.
- **Battery:** The battery, which is shared by the [Standard Energy Pistol](#), is loaded via sticking it into the slot on the butt of the gun, with what is the front on the SEP being the top on the SGAR. It is released by a button on the side of the butt.
- **Built in flashlight/laser sight:** below the barrel, in front of the trigger and grip, there is a forward hand grip which contains both a small tactical flashlight and a laser sight, both operated by buttons on the right side.

## Other

- **Field Maintenance Procedure:** Wipe and clean after every mission, taking care to scrub the barrel down

and all moving parts. **Pricing:**

- Gun <sup>1)</sup> - 200-300 KS depending on condition.

## Replaceable Parts and Components:

- Barrel: The Barrel may need replacing after a while, as the lenses sometimes wear down if overheated too often. Also, if the rifle is jarred while the lenses are overheated, they can warp. The barrel is removed by taking the battery out, then removing three screws. Once the screws are removed, the barrel can be pulled out of the front of the gun. it is replaced by the same procedure, simply in reverse.
  - Extra Barrel - 100 KS
- Basic optical scope: When purchasing an SGAR, one may purchase a simple 10-50x optical scope to mount on the upper rack system. - 15 KS

## Additional Ammo:

- [Extra battery](#) - 30 KS
- [Charging base](#) - 50 KS

## Accessories:

- Carry strap: an adjustable synthetic fabric strap - 15 KS

Products & Items Database	
Product Categories	weapons: rifles
Product Name	Standard General Assault Rifle
Nomenclature	OI-W2-1A
Manufacturer	<a href="#">Origin Industries</a>

<sup>1)</sup>  
typically includes 2 batteries and a charging station that can charge up to 5 batteries at a time.

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