

Solanii Laiz Rifle

The most advanced infantry weapon developed by Solan, the Solanii Laiz Rifle is the pinnacle of the design philosophies of the Iromakuanhe. It is elegant, sturdy and powerful, but not overengineered or prone to overkill. Often used as a light assault rifle weapon, the Laiz Rifle can also adequately fill the role of a marksman weapon or battle rifle, and is preferred due to increased output compared to the [Solanii Laiz Pistol](#) and [Solanii Laiz Carbine](#). While the weapon is comparatively stronger, it has the highest power drain, making it recommendable to carry more than one capacitor during excursions.

Weapon Specifications

Nomenclature Information

- Organization: Astral Vanguard
- Government: [Iromakuanhe Astral Commonwealth](#)
- Designer: Solan Starforges
- Manufacturer: [Solan Starworks](#)
- Name: Solanii Laiz Rifle (So-SLR-01a)
- Type: Solid State Laser Rifle
- Role: Battle Rifle
- Length: 38.88 inches
- Mass: 12.52 lbs
- ROF: 360 RPM

Appearance



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Discharge Information

- Projection/ammo type: Rapid Burst Laser
- Beam Diameter: 18mm

- Capacity: 60 Shots per Capacitor
- **Damage:** Deep, heavy and painful burns to organics. Damages metals and melts plastics. Frequently fatal to unarmored infantry. (T2)
- Effective Range: 500 Meters
- Maximum Range: 1080 Meters
- Muzzle Velocity: 1c
- Muzzle Blast: Bright purple laser beam that is visible in any environment with more than 1000 ppm dust particles in the air.
- Firing Mode: Semi Automatic, Three Pulse Burst or Full Auto.
- Recoil: Negligible.

Firing Mechanism

Solid State Laser A solid-state laser is a laser that uses a gain medium that is a solid, rather than a liquid such as in dye lasers or a gas as in gas lasers. In this case, the beam is pumped via a laser diode and uses a high precision Neodymium-doped transparent ceramic lens for excellent accuracy and high power efficiency. The result is a beam capable of inflicting surprising damage to most targets, though it lacks the penetrative qualities of some other EM weapons.

Weapon Mechanisms

- Safety: A small dial near the grip has to be rotated to enable safety. Push to disable.
- Fire Mode Selector: Selector uses three gray buttons near the upper rear of the stock.
- Weapon Sight: Red Dot Sights.
- Attachment Hard Points: Scope can be replaced with other optics.

Other

Field Maintenance Procedure: Wipe and clean after every mission, taking care to scrub the barrel down and all moving parts. Capacitors and some electronics may have to be replaced every few months of use.

Pricing: 1300 KD

Replaceable Parts and Components:

- Power Regulator (260 KD)
- High Precision Lens (90 KD)
- Secondary Lens (90 KD)
- Laser Emitter (210 KD)
- Electronics (200 KD)
- Casing (80 KD)

Optics:

- Nightvision Scope, 1-4×40 Zoom (270 KD)
- HD Zoom Scope, 1-16×60 Zoom (350 KD)
- HD Zoom Scope, 1-8×60 (170 KD, included with purchase.)

Additional Ammo:

- [Leyflar Supercapacitor](#) (70 KD)

Accessories:

- Capacitor Recharger Kit (140 KD, free with purchase.)
- Shoulder Strap (25 KD, free with purchase.)
- Capacitor Holder, carries 3 extra [Leyflar Supercapacitors](#) (40 KD)

OOC Notes

Authored by [Exhack](#) and approved by [Wes](#) on Feb 9, 2008¹⁾

¹⁾

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