

# Solanii Laiz Carbine

A step up from the Laiz Pistol, the Solanii Laiz Carbine is a full-scale personal defense weapon used by security forces and starship crews across the Astral Commonwealth. The bullpup design and distinctive control systems make it unique among laser weapons, and the firepower it can field is impressive. Refinements in emitter and power transmission technology mean that the Laiz Rifle has a higher rate of fire and is actually more power efficient than the [pistol](#) it is based on, but the shooter should be advised that ammunition depletes very quickly in sustained bursts.

## Weapon Specifications

### Nomenclature Information

- Organization: [Astral Vanguard](#)
- Government: [Iromakuanhe Astral Commonwealth](#)
- Designer: Solan Starforges
- Manufacturer: [Solan Starworks](#)
- Name: Solanii Laiz Carbine (So-SLC-01a)
- Type: Solid State Laser Carbine
- Role: Personal Defense Weapon
- Length: 26 inches
- Mass: 7.57 lbs
- ROF: 360 RPM

### Appearance



**Solanii Laiz Carbine**

### Discharge Information

- Projection/ammo type: Rapid Burst Laser
- Beam Diameter: 17mm
- Capacity: 120 Shots per Capacitor
- [Damage](#): Deep, heavy, painful burns to organics. Damages metals and melts plastics. Not always

fatal, but frequently crippling. (T1)

- Effective Range: 360 Meters
- Maximum Range: 600 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: Tab on the rear side has to be pushed forward to disable safety. To re-engage safety, slide the button to the back and push down to lock it in place.
- Fire Mode Selector: Selector is the vertical blue slide directly behind the hand grip.
- Weapon Sight: Red Dot Sights.
- Attachment Hard Points:

### **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: 1100 KD

Replaceable Parts and Components:

- Power Regulator (250 KD)
- High Precision Lens (80 KD)
- Secondary Lens (80 KD)
- Laser Emitter (200 KD)
- Electronics (200 KD)
- Casing (70 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)

Additional Ammo:

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

Accessories:

- Capacitor Recharger Kit (140 KD, free with purchase.)
- Shoulder Strap (20 KD, free with purchase.)
- Capacitor Holder, carries 3 extra [Leyflar Supercapacitors](#) (40 KD)

## OOC Notes

Approved [here](#).

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