



# High Energy Laser Weapon System

**100 kW-CLASS LASER SCALABLE TO 300 kW AND LARGER**

General Atomics Electromagnetic Systems (GA-EMS) advanced solid state **High Energy Laser (HEL) Weapon System** provides proven laser technologies to enable the detection and defeat of an expanding range of targets, including unmanned vehicles, missile threats, ISR systems, rockets, artillery, and mortars.

Lightweight, efficient thermal management

Greater performance at reduced lifecycle cost

Shorter dwell times and rapid retargeting

Extended target engagement ranges

Integrated ultra-high power density battery system

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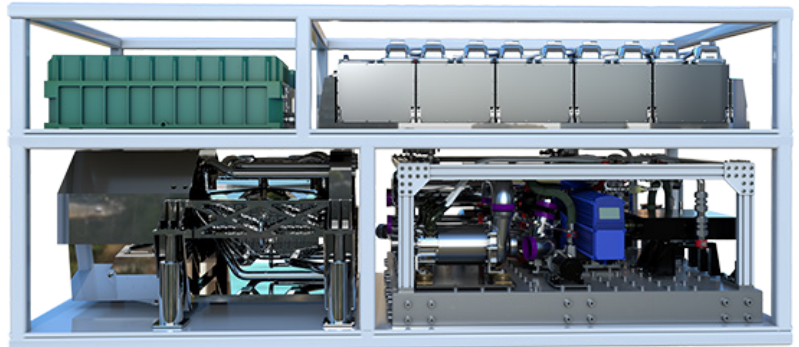


Compact Hemispherical Beam Director

GA-EMS' HEL weapon system offers significant power-on-target enabling shortened engagements and rapid retargeting. The increased power provides lethality at longer ranges and increased effectiveness against hard targets. The system's modular, scalable design also offers significant reductions in size, weight, and power consumption to suit air, land, and sea-based platforms.



- Proven technology for high energy solid state laser systems
- Designed for all warfighting environments
- Ruggedized with vibration and shock isolation
- Enhanced Intelligence, Surveillance and Reconnaissance (ISR) capabilities



High Energy Laser with Scalable Output



## CONTACT INFORMATION

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