



# High Energy Laser Weapon System

**25 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 aerial systems (UAS), missile threats, ISR systems, rockets, artillery, and mortars.

Lightweight, efficient thermal management

Shorter dwell times and rapid retargeting

Extended target engagement ranges

Integrated ultra-high power density battery system

Scalable distributed gain laser technology

Pulsed and continuous wave systems

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

Greater performance at reduced lifecycle cost

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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.

## LAND-BASED



## SEA-BASED



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