intense

next generation lasers



QCW STACKED ARRAYS

Hermes 600W Mini-Stack

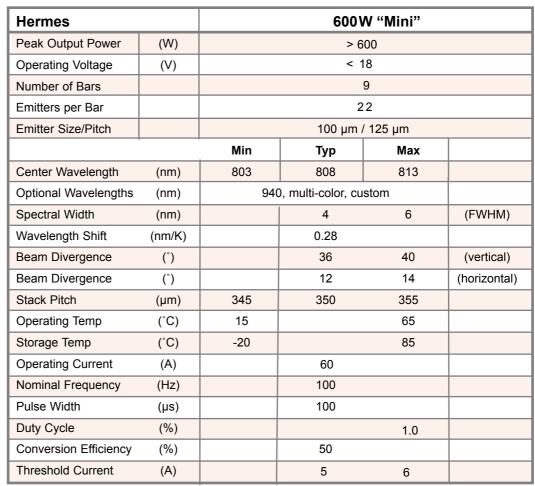
808 nm High Power QCW Laser Arrays, to 600W in a Compact Footprint for Aerospace Defense, and Industrial Pumping Applications

The Hermes family of High Power QCW Stacked Arrays combines high reliability with robust, modular packaging and extended operating termperatures. This makes Hermes an ideal choice for the most demanding applications. These arrays are offered in a standard wavelength of 808 nm. Custom wavelengths, power levels, and package configurations are available on request, including 940 nm and multi-color wavelengths.

Hermes lasers are based on Intense's patented **Quantum Well Intermixing** (QWI) technology, which increases the brightness and reliability of the lasers while avoiding the usual problems associated with catastrophic optical mirror damage (COMD).

Assembled using AuSn hard solder, Hermes QCW stacked arrays are designed for a wide range of aerospace, defense, and industrial applications, including range finding, illumination, designation, and pumping.

Typical Specifications @ 25°C





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