



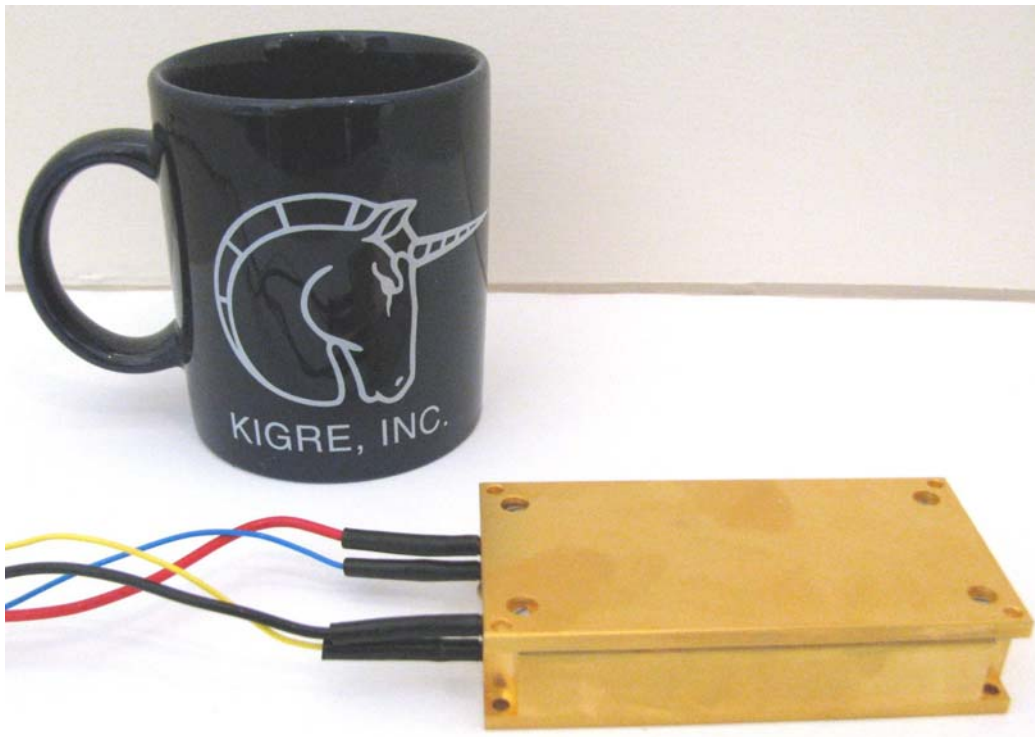
**PRELIMINARY**

**Model # HESP-E-7-60**

**~ 10mj @ 10 Hz, 6ns**

**~ 5mj @ 60 Hz, 6ns**

**1534nm Diode Pumped Eye-Safe Microlaser**  
**Diode Pumped Solid State (DPSS) High Efficiency Side Pumped (HESP) Laser**



**Kigre now offers a new compact high efficiency diode pumped erbium glass laser (designated HESP-E-7-60) that produces high energy pulses at 1 to 60Hz, 6ns, 1534nm.**

**PRELIMINARY**

**KIGRE, INC.**, 100 Marshland Road, Hilton Head, SC 29926  
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<b>Laser Wavelength</b>	<b>1534 nm</b>
<b>Pump Voltage &amp; Amps</b>	<b>24V 100A</b>
<b>Output Energy &amp; Mode</b>	<b>~ 5 - 10mJ, TEM<sub>00</sub></b>
<b>Laser Output Pulsewidth</b>	<b>~ 6ns</b>
<b>Raw Beam Diameter</b>	<b>~ 0.8mm</b>
<b>Beam Divergence</b>	<b>TBD</b>
<b>Pulse Rep-rate</b>	<b>SS- 60 Hz</b>
<b>Pulse-to-Pulse Timing Jitter</b>	<b>TBD</b>
<b>Laser Head Size</b>	<b>2'' x 4'' x 0.87''</b>
<b>Conductive Cooling Requirements</b>	<b>~ 50 watts</b>
<b>Operating Temperature Range</b>	<b>TBD</b>

