

High Pulse Rate FLEXI-PULSE DPSS LASERS

Preliminary Data Sheet – Model FL-60-1064-HQ

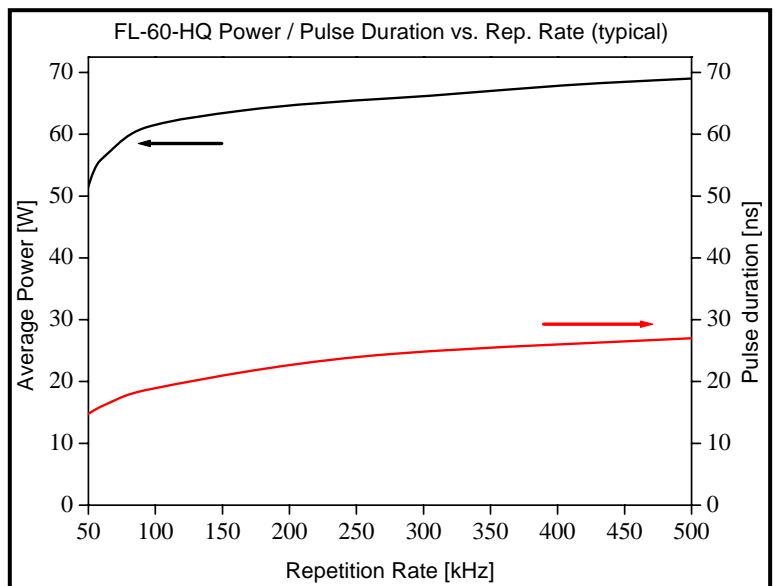
The HQ model is an extended higher pulse rate version of the Midaz range of Flexi-pulse diode-pumped solid-state (DPSS) lasers. Like the Flexi-Pulse, they offer market leading high average powers, very short pulse duration for high peak powers and now operation to even higher repetition rates of multi-hundred kHz with the HQ extension technology.

Options exist for frequency conversion to visible and UV wavelengths.

Model No.	FL-60-1064-HQ
Wavelength	1064 nm
Average power	60 W
Repetition rate	50 - 500 kHz
Pulse duration	~20 ns
Spatial Mode	TEM ₀₀ , M ² <1.3
Polarisation Ratio	> 100:1

Applications include:

- Micro-Electronics
- Aerospace/Automotive
- Medical components
- Industrial Diamond/Gemstones
- FPDs / PCBs / Solar cells
- Laser Marking / Product ID



Midaz has a policy of continuous product improvement. Specifications are subject to change without notice.