

## PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

This drains rempire with 21 CFF - 340 10 and 1040 1 Changei un New Julie bes Opticient wires Test. On, Gal (CNI) 568 Changair, Ro, Changelor, P.R Chirt

## QML-1573/40uJ

SPECIFICATIONS

## LD PUMPED ALL-SOLID-STATE **Q-switched LASER**

All solid state Q-switched laser at 1573nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in Laser Telemeter, Laser Surveying, Remote Sensing, LIBS, Laser micro-processing.

Wavelength (nm)	$1573 \pm 1$	
Operating mode	Q-switched pulsed laser	
Single pulse energy (µJ)	40	
Pulse duration (ns)	1~2	
Peak power (kW)	20~40	
Rep.rate(Hz)	10	
Ave power stability (over 4 hours)	<3%	
Transverse mode	TEM <sub>00</sub>	- And
Warm-up time (minutes)	<10	
M <sup>2</sup> factor	<1.5	
Beam divergence, full angle (mrad)	<12	
Beam diameter at the aperture (mm)	~0.25	
Beam height from base plate (mm)	8	<b>D</b> LUGED
Operating temperature (°C)	10~35	DANGER
Expected lifetime (hours)	10000	LASER ADIATION - AVOID STECK SED
Warranty	1 year	
		CLASS IV LASER PRODUCT



