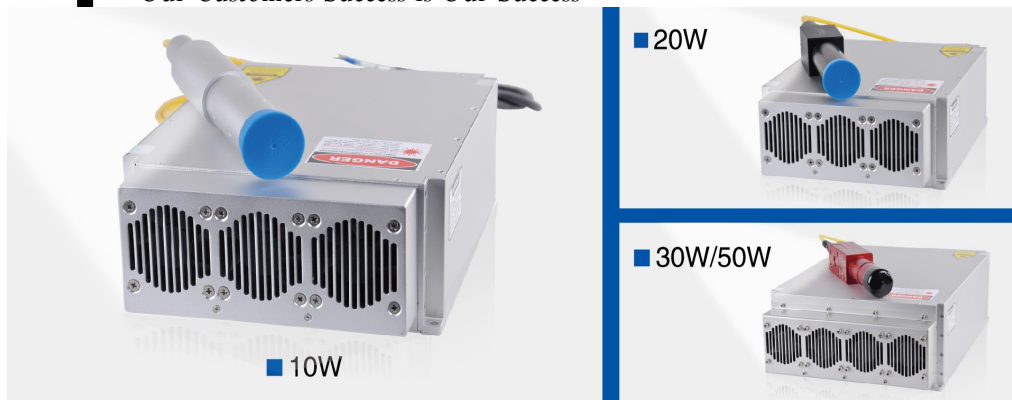


# GQM Series of Pulsed Fiber Lasers

**GQM-010\_GQM-020**  
**GQM030\_GQM-050**

*Our Customers Success is Our Success*



PARAMETERS	UNIT	GQM-010-0-A	GQM-020-0-A	GQM-030-0-A	GQM-050-0-A
CENTRAL EMISSION WAVELENGTH	nm	1064±3	1064±3	1064±3	1064±3
BEAM QUALITY	M <sup>2</sup>	< 1.6	< 1.6	< 1.6	< 1.6
ENERGY PER PULSE	mJ	0.5±0.05@20kHz	1±0.05@20kHz	1±0.05@30kHz	1±0.05@50kHz
POLARIZATION	/	RANDOM	RANDOM	RANDOM	RANDOM
PULSE WIDTH	ns	90-110@20kHz	90-110@20kHz	90-110@30kHz	90-110@50kHz
EMISSION BANDWIDTH	nm	< 3	< 3	< 3	< 3
PULSE REPETITION RATE	kHz	20-80	20-80	30-80	50-80
NOMINAL AVERAGE OUTPUT POWER	W	10-13	21±1	31±1	51±1
OUTPUT POWER TUNABILITY	%	10-100	10-100	10-100	10-100
OUTPUT FIBER DELIVERY LENGTH▲	m	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1
OPERATING VOLTAGE	V/DC	24	24	24	1.7±0.1
MAX. POWER CONSUMPTION	W	80±10	110±10	150±15	200±15
COOLING METHOD	/	AIR COOLING	AIR COOLING	AIR COOLING	AIR COOLING
AMBIENT TEMPERATURE	°C	0-40	0-40	0-40	0-40
DIMENSIONS(W×H×D)	mm	215×95.5×286	215×95.5×286	260×115×380	260×115×380
NET WEIGHT	kg	5.5	6	10	10

UNITED PHOTONICS LLC

Phone: 617.752.2073  
Email: [info@unitedPhotincs.net](mailto:info@unitedPhotincs.net)  
Web: [www.unitedPhotonics.net](http://www.unitedPhotonics.net)

