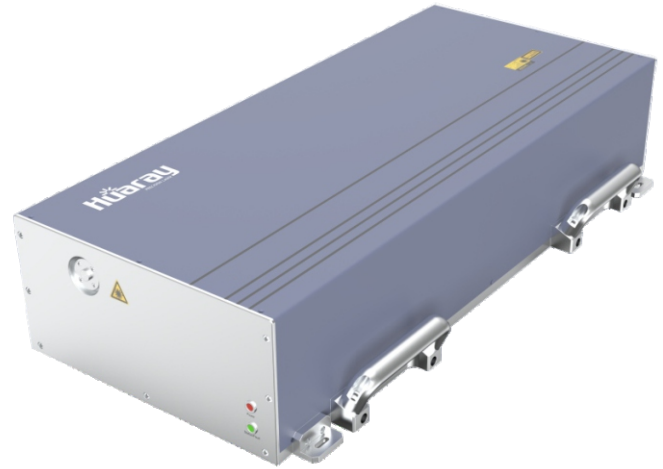


Pine-1064-50

Picosecond DPSS-Laser
Data sheet V 1.0

Features

- » Precision processing
- » Short pulse width
- » Real time monitoring
- » Wide application field
- » Excellent beam quality



TECHNICAL SPECIFICATIONS

Central wavelength	1064 nm
Output power	>50 W @ 500 kHz
Max. pulse energy	300 µJ @ 100 kHz
Burst energy	-
Repetition frequency	100 kHz - 1 Mhz
Pulse width	<10 ps
Beam divergence	<3 mrad
Beam diameter	3 mm
Beam quality	<1.3 M ²
Warm up time	<30 min

Beam circularity	>90%
Pulse stability	<2% RMS
Power stability	<3% RMS
Power supply	AC 220/110V
Operating temperature	15 - 35 °C
Storage temperature	-10 - 60 °C
Cooling method	Water
Laser dimension(mm)	840x466x186
Net weight	< 60 kg

Pine-1064-50

