

# Amphos3500 Series

Highpower Ultrafast Lasers  
for Scientific Applications



- 400 W
- 15 mJ
- 1.5 ps
- 40 MHz
- SHG, THG

LASERTYPE	3502	3604	3706
Power	200 W	300 W	400 W
Energy	10 mJ	12 mJ	15 mJ
Pulse Length	< 1.5 ps	< 1.5 ps	< 1.5 ps
Reprate	0.02 - 40 MHz	0.025 - 40 MHz	0.025 - 40 MHz
Quality M <sup>2</sup>	< 1.5	< 1.5	< 1.5
Wavelength	1030 nm	1030 nm	1030 nm

## Options

Higher energy, SHG, THG



### FEATURES

Flexible Pulse Duration  
High Pulse Energy  
Broad Parameter Range  
Burst Mode



### OPTIONS

Higher Pulse Energy  
Longer Pulsewidth  
Higher Repetition Rate  
Shorter Pulses



### APPLICATIONS

OPCPA Pumping  
Attosecond Physics  
HHG Processes  
Materials Processing



### Laser Head

Width: 1540 mm  
Height: 248 mm  
Length: 1110 mm

