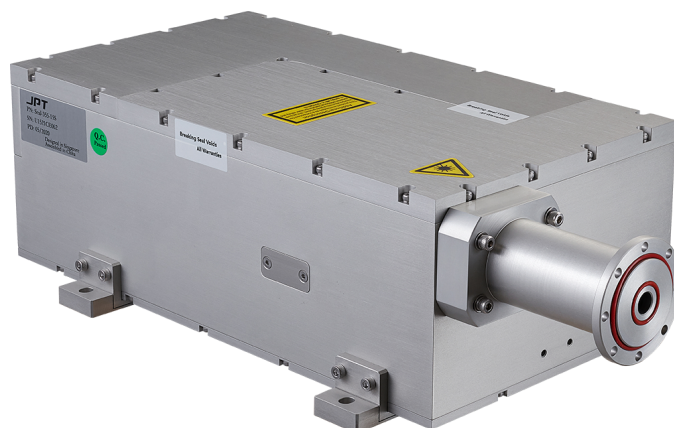


DPSS LASER

UV-15S-W-AIO

en | Data sheet | 1.2.1

- Compact all-in-one design
- Brilliant optical characteristics
- Strong response on various materials
- Outstanding cost-effectiveness



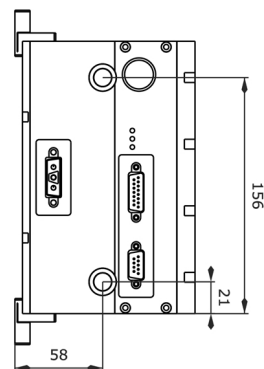
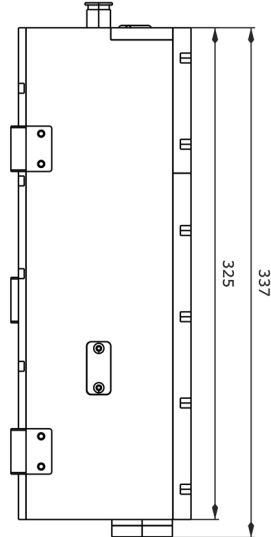
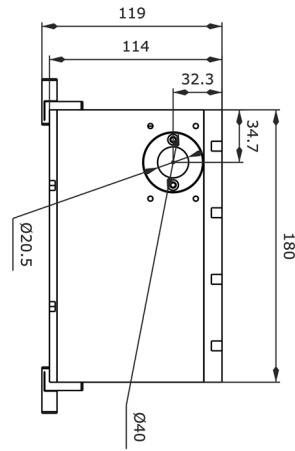
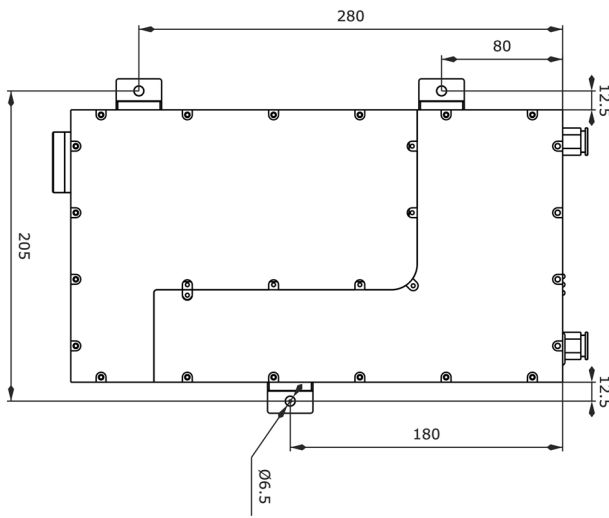
Wavelength	355 nm
Nominal output power	15 W @ 60 kHz
Laser operation mode	Pulsed
Beam quality (\leq)	1.2 M ²
Pulse frequency	40 – 300 kHz
Max. peak pulse power	25 kW
Pulse width	15 ns @ 60 kHz
Max. pulse energy	250 μ J @ 60 kHz
Power instability \emptyset	3%
Polarization	Horizontal
Beam diameter D4 σ	0.45 mm

Cooling method	Water
Cooling flowrate	16 l/min
Cooling power	1 kW
Supply voltage DC	36 V
Current consumption	8.5 A
Power consumption @ 20°C	300 W
Operation temperature	10 – 35 °C
Storage temperature	-15 – 50 °C
Mechanical dimensions (W x D x H)	180 x 337 x 114 mm
Net weight	9.8 kg

Product customizations are possible on request.

Information is subject to change without notice. Product photos are non-binding and may show customized features.





Units: mm
Tolerance:
x ± 1.0 mm
x.x ± 0.2 mm

JPT

Manufacturer

DPSS laser

UV-15S-W-AIO

Dimensions are given in millimeters and are intended as reference values.
Binding information is available on request.

