

DPSS Laser Nd:YVO₄

DPGL/S – xx

- **Power controlled**
- **Temperature stabilised**



<i>Laser</i>	(preliminary data)
<i>L x B x H</i>	70 x 65 x 45 mm ³
<i>Wavelength</i>	532 nm
<i>Power</i>	1 mW ... 100 mW
<i>Beam Model</i>	TEM ₀₀
<i>Beam diameter</i>	1,2 mm
<i>Beam divergence</i>	1,5 mrad
<i>M²</i>	< 1,3
<i>Power drift</i>	< 1% 24 h
<i>Noise</i>	< +/- 0,5% periodical parts < 1%
<i>Beam stability</i>	Angle < +/- 0,1 mrad Mismatch < +/- 0,05 mm
<i>Polarisation</i>	100 : 1
<i>Operation temperature</i>	- 10°C ... + 45°C
<i>Heating period</i>	< 15 min
<i>Reliability</i>	ca. 20.000 h
<i>Controller</i>	
<i>BxLxH</i>	140 x 119 x 35 mm ³
<i>Supply voltage</i>	10V ... 18V nominal 12 V
<i>Mode</i>	Pulse operation or power controlled
<i>Operation temperature</i>	10°C ... 40°C
<i>Temperature stability</i>	better than 0,1°C
<i>Interlock</i>	5V ... 24V necessary for „Laser on“