

# CW励起レーザーモジュール RB Plusシリーズ



Nd:YAG

Nd:YLF

Nd:YVO4

## RB Plus YAG

モデル	ロッドタイプ	出力 <sup>※4</sup>	動作電圧	動作電流
RBA20-0.33C2	2mm, YAG <sup>※1</sup>	10 W	6 VDC	0-38A (25A nominal)
RBA20-0.66C2	2mm, YAG <sup>※1</sup>	20 W	12 VDC	0-38A (25A nominal)
RBA20-1C2	2mm, YAG <sup>※1</sup>	35 W	18 VDC	0-38A (25A nominal)
RBA30-1C2	3mm, YAG <sup>※1</sup>	50 W	18 VDC	0-38A (25A nominal)
RBA34-1C2	3mm, YAG <sup>※2</sup>	75 W	24 VDC	0-38A (25A nominal)
RBA35-1C2	3mm, YAG <sup>※3</sup>	100 W	30 VDC	0-38A (25A nominal)

※1 0.6% Nd doping.

※2 Minimum 1064 nm multi-mode output in a short cavity (280 ± 5 mm flat HR/flat 70%R OC) CW oscillator arrangement at delivery. Nominal Drive Current 25A and 40A for IC2 and IC4 respectively.

※3 Max current is 32A and 50A for IC2 and IC4 respectively. Required voltage at the pump head stated w/o consideration for inefficiencies in the electrical system.

## RB Plus YLF

モデル	ロッド	出力 <sup>※3</sup>	動作電圧	動作電流
RBA30-1C2	3mm, Nd:YLF <sup>※1</sup>	10 W	6 VDC	0-38A (25A nominal)
RBA34-1C2	3mm, Nd:YLF <sup>※2</sup>	20 W	12 VDC	0-38A (25A nominal)
RBA35-1C2	3mm, Nd:YLF <sup>※2</sup>	35 W	18 VDC	0-38A (25A nominal)

※1 Rod length is 63 mm with flat/flat faces and 0.9% Nd doping

※2 Rod length is 73 mm with flat/flat faces and 0.9% Nd doping

※3 Minimum 1053 nm multi-mode output in a short cavity (165 ± 5 mm, 0.75mCC HR/flat 80%R OC) CW oscillator

※4 Required voltage at the pump head stated without consideration for inefficiencies in the electrical system. Your DC power supply should be oversized by 30% to allow for these inefficiencies.

※5 Do not exceed the recommended beginning of life current specified on the module test report. Nd:YLF rods are more susceptible to damage than Nd:YAG rods.

