





| Modell | Optical power | Mode | Max. oper. current SOL | Max. oper. current EOL | Max. oper. Voltage | Power supply recommendation ² | I | U | Datasheet | Cooling ¹ | |
|---|-------------------------|-------|------------------------|------------------------|--------------------|--|-----------------|-------|---|---|----------------------------|
|    | Laser bars | | | | | | | | | | |
| | BPC30C-9xx-xx | 30 W | CW | 35 A | 42 A | 1,6 V | LDD-100-42-2 | 42 A | 2 V |  pdf | passively |
| | SPC30C-980-xx | 30 W | CW | 40 A | 48 A | 1,8 V | LDD-100-48-2 | 48 A | 2 V |  pdf | passively |
| | BAC/BPC40C-xxx-xx | 40 W | CW | 50 A | 60 A | 2 V | LDD-150-60-2 | 60 A | 2 V |  pdf | actively water / passively |
| | SPC40C-980-xx | 40 W | CW | 50 A | 60 A | 1,8 V | LDD-150-60-2 | 60 A | 2 V |  pdf | passively |
| | BAC50C-xxx-xx | 50 W | CW | 60 A | 72 A | 2 V | LDD-150-72-2 | 72 A | 2 V |  pdf | actively water |
| | BPC50C-xxx-xx | 50 W | CW | 55 A | 66 A | 1,5 V | LDD-150-66-2 | 66 A | 2 V |  pdf | passively |
| | BPC60C-9xx-xx | 60 W | CW | 65 A | 78 A | 1,5 V | LDD-250-80-3 | 80 A | 3 V |  pdf | passively |
| | BPC80C-9xx-xx | 80 W | CW | 85 A | 102 A | 1,5 V | LDY-600-100-3 | 100 A | 3 V |  pdf | passively |
| | VAC80C-9xx-xx | 80 W | CW | 84 A | 101 A | 1,6 V | LDY-600-100-3 | 100 A | 3 V |  pdf | actively water |
| | BAC110C-xxx-xx | 110 W | CW | 140 A | 168 A | 1,4 V | LDYHC-600-165-3 | 165 A | 3 V |  pdf | actively water |
| BAC120C-xxx-xx | 120 W | CW | 140 A | 168 A | 1,5 V | LDYHC-600-165-3 | 165 A | 3 V |  pdf | actively water | |
|  | Laser bar arrays | | | | | | | | | | |
| | LBA140C-806-xx | 140 W | CW | 30 A | 36 A | 14 V | LDY-600-36-14 | 36 A | 15 V |  pdf | actively water |
| | LBA300C-806-xx | 300 W | CW | 65 A | 78 A | 12 V | LDY-1000-78-13 | 78 A | 13 V |  pdf | actively water |

Info:

¹ Cooling of laserdiodes; power supplies are air cooled

² For extra fast rise-/fall times also available with fast-rise option
 Recommended laboratory benchtop drivers on request

-> Please contact our product management for further details