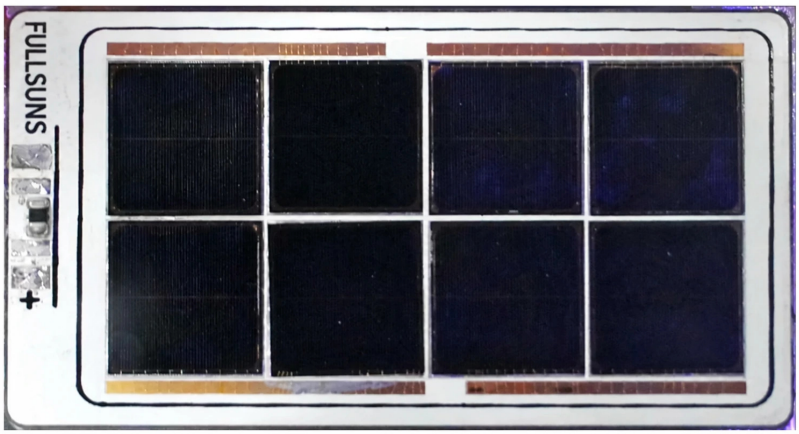
100 W Type B / 20 × 40 mm LPC cell / receiver assembly

Select the cell or assembly by wavelength, illuminated area, electrical output and cooling. Wavelength variants are separate configurations.



Photograph of the reference assembly

Parameters

Input wavelength	808nm/ 915nm / 976nm / 1064nm
Active area	20mm×40mm
Output voltage options	6 / 12 / 24 V (custom)
Output power class	100W

Applications & selection

LPC receiver integration, beam-to-cell matching, packaging and thermal assessment.

Reference values support selection. Confirm final configuration and acceptance conditions in the technical agreement. A power class is not guaranteed output under every operating condition.

Electrical & mechanical reference parameters

Input wavelength	808nm/ 915nm / 976nm / 1064nm
Active area	20mm×40mm
Output voltage options	6 / 12 / 24 V (custom)
Output power class	100W
Reference conversion efficiency	50%-55% (808nm), 40%-45% (1064nm)
Temperature sensing NTC	R=10K,B=3940K

Confirm configuration and interfaces per project; unspecified combined conditions are not guaranteed.

Input wavelength	808nm
Active area	20mm×40mm
Output voltage options	24V
Output power class	100W
Reference conversion efficiency	50%-55%
Temperature sensing NTC	R=10K,B=3940K

Reference values support selection. Confirm final configuration and acceptance conditions in the technical agreement. A power class is not guaranteed output under every operating condition.