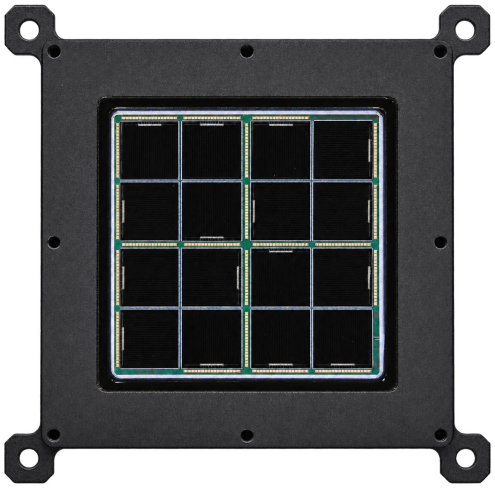
120 W Free-space laser power receiver

Receiver assembly for free-space laser power transfer. Wavelength options require separate configuration selection; they do not establish one universal device.



FULLSUNS

Photograph of the reference configuration

Reference designation	FS-LPC-120W-FS
Input wavelength	808 / 915 / 976 / 1064 nm
Active area	40mm×40mm
Output voltage options	24V
Output power class	120W
Reference conversion efficiency	50%-55% (808nm), 40%-45% (1064nm)
Temperature sensing NTC	R=10K,B=3940K

Applications & selection

Free-space receiver and thermal-integration assessment. Build the power budget from beam profile, range, receiver area and load.

For enquiries: wavelength, optical power at the receiver, fiber connector or beam profile, target output, heat sinking and quantity.