

3D Printed Liquid Cooled Heatsinks

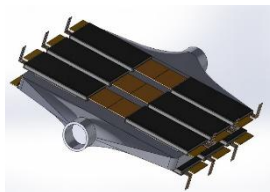
Founded in 2006 in Aachen, Germany

Started with manufacturing of coolers for high power laser diodes

Financially self-sustainable and well backed for investments

IQ-Big 53 Auto V.10 can cool 12 E3 packages

Cooling performance **reduces** number of **chips**



Corrosion free cooling of semiconductors & passives IQ-Big 53 Auto V.10

Cooling of inductors possible (e.g., OBC & DC/DC)

Possibility to contact through the cooler with isolated pins

Flexible form and shapes

Thin & ultra-low weight coolers

Heat flux density of **240W/cm²** per side

Ready for automotive quantities

(1 Twin every 90 sec)

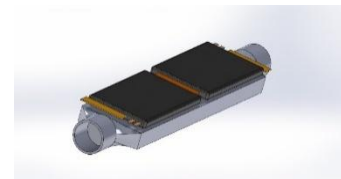


IQ „Twin“

IQ „E3 four“ with two E3 packages

Flexible in design and **easy scalable**

Paralleling and / or serial cooling possible



IQ „E3 Four“

IQ „Thin“ can be **embedded** into **PCB**

Thickness only 0.8mm

Connection via O-ring possible



IQ „Thin Cooler“