SimOps Thermal Report

PASSED

Component: Cube
Date: 2025-12-28 19:24

Thermal Metrics

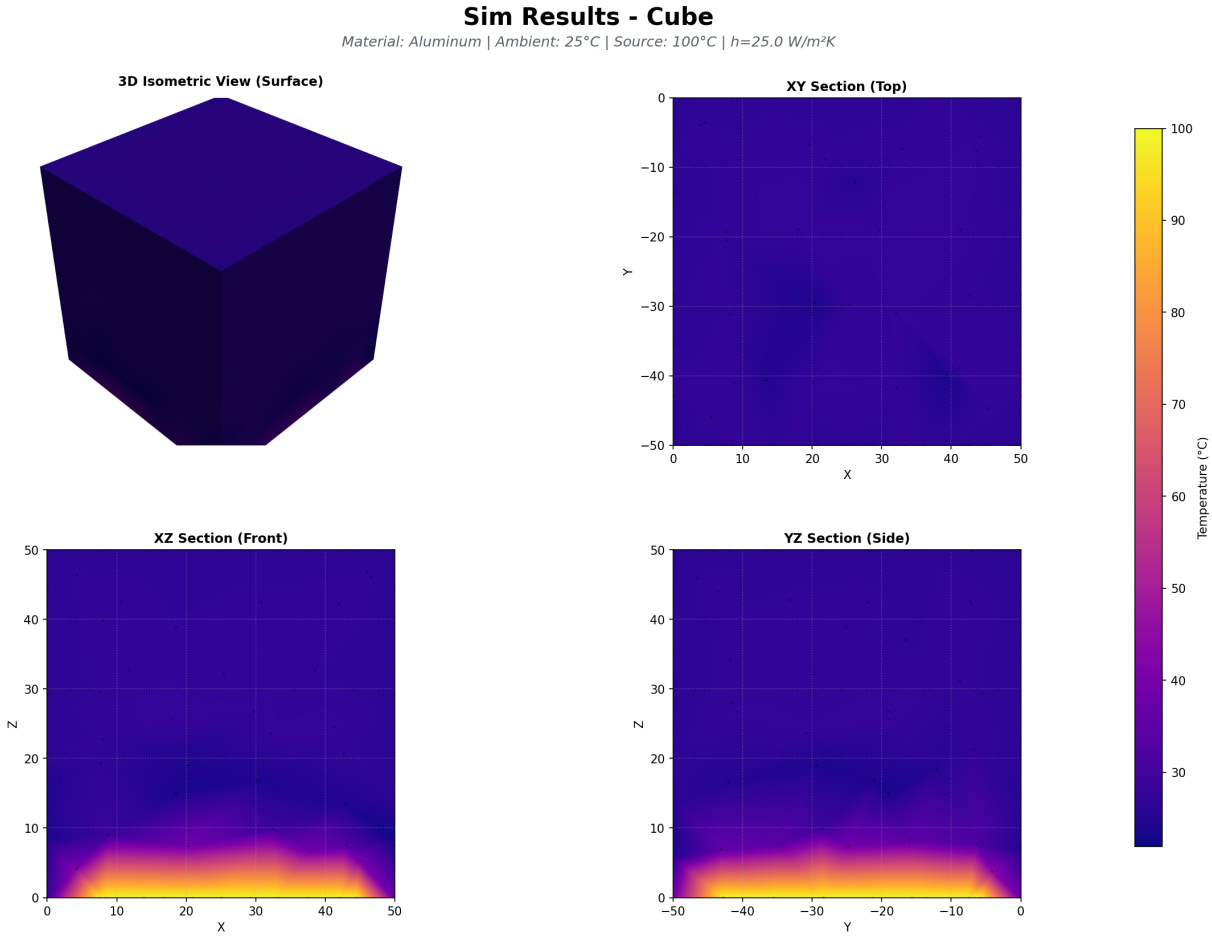
Strategy:	MedFi_Robust
Ambient Temperature:	25.0 °C
Heat Source:	100.0 °C
Max Temperature:	373.15 K (100.00 °C)
Min Temperature:	295.13 K (21.98 °C)
Temperature Range (ΔT):	78.02 K
Elements:	1,352
Nodes:	385

Validation

Range: PASS (295K-373K)
Gradient: PASS (dT=78K)

Material: Al6061

k: 167 W/mK
Cp: 896 J/kgK
Rho: 2700 kg/m3



Transient Response & Additional Views

Cube_transient