

In this case, AC-L1 is cooled by the surface contact to the vehicle body, so it is important to pay much attention to the flatness and the roughness of the surface of the vehicle frame where AC-L1 is mounted.

Apply thermal grease to the AC-L1 before mounting for better cooling effect.

You should keep the planarity of the surface under 0.5mm, as shown in Figure 2.

3.3.3 Clearances

For all AC-L1 models 50 mm clearances in front of and behind the AC-L1 are required for airflow; 50 mm clearance above the AC-L1 is required for installation/removal of interface connectors and wiring. Refer to Figure 1 for the dimensions of AC-L1.

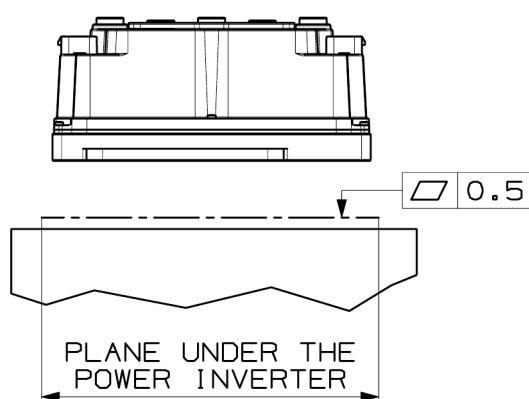


Figure 2: Planarity specifications for the AC-L1 with aluminium baseplate.