

MILITARY QUALIFICATION IN GREENMOT HIGH POWER CLIMATIC TEST CELL

Test cell specifications :

- Thermal power : **-46°C +55°C soak temperature** range // **300kW at -30°C** with permanent Air motion
- 18m length orientable **solar simulation up to 1 200 W/m²** // **Humidity** : 0% to 75%

Climate environnement :

- Mechanical power : **600kW** up to 1MW peak by **direct connection** up to 8x8
- Control mode : Reglemented or customized road cycles, control by **GREENMOT robot driver**

ALREADY PROVIDED TESTS

Hot climate

A1, A2, A3 or B1, B2, B3 according to Stanag 4370

- STB validation
- Thermal comfort (A/C validation)
- Maximum vehicle performance up to Dirating



Ambient vehicle performance

- Engine load to full load
- Maximum performance validation
- Transmission validation
- Driving simulation



Cold climate

C0, C1, C2, C3, C4 according to Stanag 4370

- STB validation
- Thermal comfort (Heating validation)
- Startability
- Global vehicle operability
 - Transmissions
 - On board electronical systems



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