

The ultimate power solution
for our driving robots

Independent Power Pack



The Independent Power Pack is compatible with our range of driving robots and can be installed quickly without connecting to a vehicle's power system.

The power supply's high-capacity battery allows uninterrupted testing, from an independent source giving the reassurance that the vehicle's own systems have sufficient power.

The Independent Power Pack is perfect for use with electric vehicles that may not otherwise have a compatible battery system. Its high energy-density cells and compact form factor ensure power is readily available in any vehicle, making life on the track much easier.



Suitable for use with electric vehicles, as it's free from interference with the car's battery management system



Quick and easy installation without extra wiring connected into the car



High capacity allows for full day of typical scenario testing



2 hours charging time between uses



Compliant with UN 38.3 regulation for lithium-ion batteries



Suitable for single-person handling

Specifications

Dimensions

Length	340mm
Width	260mm
Height	410mm
Weight	22kg*

Battery system

Battery capacity	1000Wh (6 hours - typical test scenarios)
Battery chemistry	LiFePO4
Nominal output	66V for use with a standard robot system

Compliance

UN 38.3 regulation for lithium-ion batteries

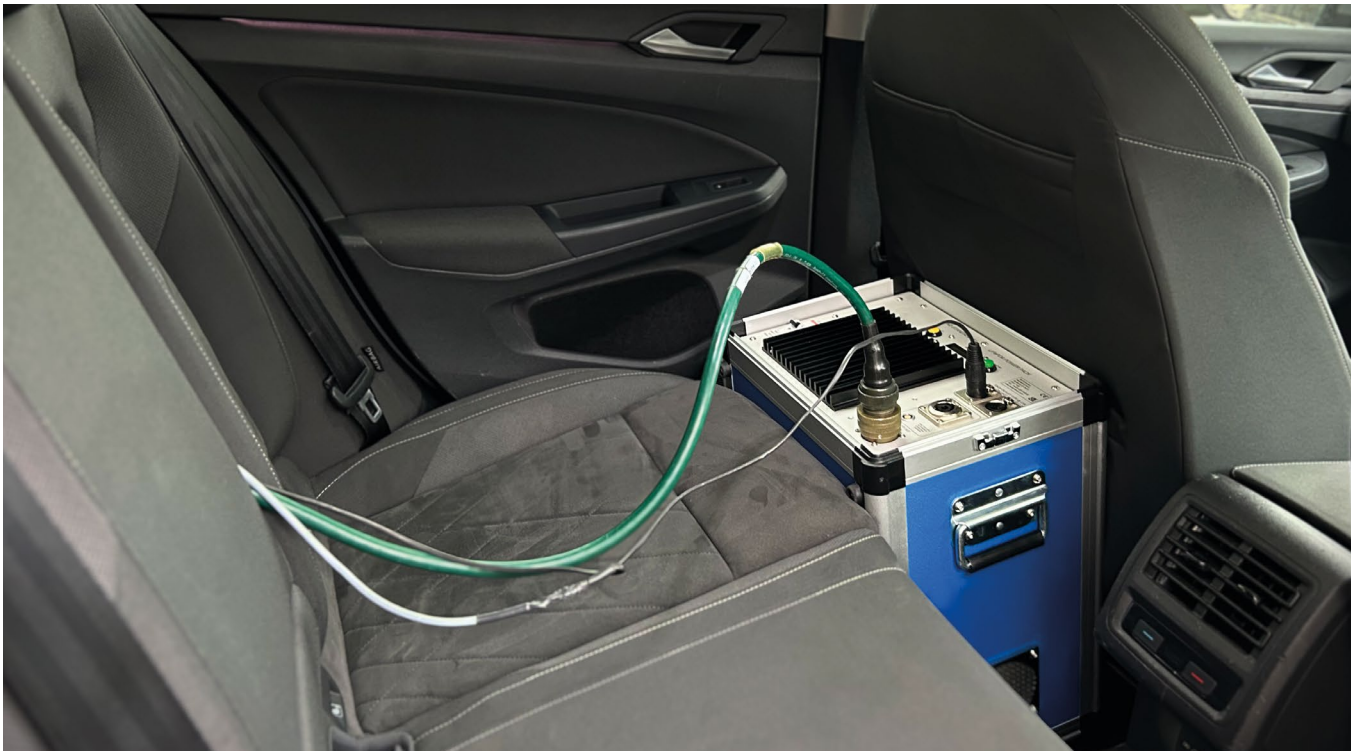
Charger

Mains power input	230V AC 6A or 115V AC 10A
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Power outputs

Rated output supply 1 (Power out – pins B & D)	66V DC 32A
Rated output supply 2 (Power out – pins C & B)	66V DC 3A
Rated output supply 3 (Aux 1 – pins 1 & 2)	13.8V DC 2.5A 30W
Rated output supply 4 (Aux 2 – pins 1 & 2)	13.8V DC 2.5A 30W

*Excluding lid



About AB Dynamics

AB Dynamics is a leading global provider of automotive test and verification solutions that facilitate the development of vehicles that are safer, more efficient and sustainable. As part of the AB Dynamics Group of companies we enable customers to develop and test in virtual environments, validate on the track and then evaluate vehicles on public roads.

For more information:
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