

Transus Product

The Ex-Cell Transus unit provides support to a vehicle battery where there is a requirement to demonstrate the vehicles features.

It is a 6 Amp unit that is designed to be constantly attached to the vehicle battery whilst the vehicle is in the showroom. It continuously monitors the vehicle battery and recharges it after the demonstration of the vehicle's features.

Unlike battery chargers, Transus replaces capacity at a constant rate of 13.6v ensuring safe operation within the showroom environment.

Package Contents

The Solo Transus package should contain the following items. Please check the contents to ensure all items are present before installing:

1. Transus unit
2. Mains connection cable and disconnect module
3. Vehicle connection leads



Connecting the Transus

1. As Transus performs maintenance charging it is recommended that the vehicle battery is fully charged before the unit is initially connected.
2. Connect the cables and unit to the vehicle battery before connecting the unit to the mains power.
3. Connect the leads (3) to the vehicle battery ensuring that the red clip is connected to the positive (+) terminal and the black clip to the (-) terminal.
4. Attach the mains connection cable (2) to the leads and feed the end of the connection cable down through the engine bay.
5. Connect the white connector at the end of the cable to the white connector from the Transus unit (1).
6. Connect the Transus unit to the mains power.

Operation of LED lights

Correct operation

Situation	Transus	Disconnect module
Connected & charging at < 1A	Green LED steady	Red LED and Green LED
Connected & charging at > 1A	Green LED Flashing	Red LED and Green LED

Error conditions

Situation	Charger	Disconnect module
Transus not connected Leads not connected	No LEDs	No Leds
Transus not connected Leads connected	No LEDs	Red LED and Green LED
Transus connected Leads not connected	Green LED steady	RED LED only

Safety features



The Transus is a 'fit and forget' solution designed to be safe and easy to use in the showroom environment.

It can be fitted by non-technical staff and has a number of safety features.

- ✓ Do not drive the vehicle with the Transus connected. A parting link is fitted in the output lead, to provide a safe break in the output lead should the vehicle be driven inadvertently whilst still connected to the Transus.
- ✓ Fused leads are fitted to ensure that if they remain attached without the Transus, there is no chance of the battery shorting.
- ✓ A sensor prevents the Transus powering up unless it is correctly connected to a battery.
- ✓ The Transus replaces charge at a constant rate of 13.6V maintaining the battery with virtually zero gassing (production of oxygen and hydrogen) which can create a significant fire and explosive risk when compared with charging at higher voltages.
- ✓ Do not start the vehicle with the Transus connected.

Precautions



The Transus has been designed with multiple protection features. However you should follow carefully the instructions for safe use.

Mains connection - The charger should only be plugged into the mains using a standard plug and a mains power supply of 100-240 V AC 50/60 Hz.

Location - The Transus is for indoor use only and must not be left outdoors.

Starting the vehicle - The unit must be disconnected before the vehicle is started.

Malfunctions - If the unit stops working whilst under warranty then it should be returned to the supplier. Do not attempt to repair or open the unit.

Leads & Connectors - All leads and connectors should be inspected regularly and if any wear or chafing of cables is detected, they should be replaced.

Mains lead - The mains cord may not be exchanged, shortened or extended. If the mains cord is damaged it must be replaced.

Mains plug fuse - The mains plug should have a fuse of no more than 10Amps.