



MAKING VEHICLES MORE EFFICIENT, ECONOMICAL  
AND ENVIRONMENTALLY FRIENDLY

## Zero Idling Charging and Heating Solutions

A complete solution for every vehicle.

### CABIN HEATER

DEFA interior heater uses a PTC (PTC = Positive Temperature Coefficient) heating element which self adjusts the output power according to the inside temperature of the car. The PTC Ceramic element is extremely safe without open heating coils providing durability and safety as well as comfort and warmth.

### PROGRAMMABLE CONTROL UNITS

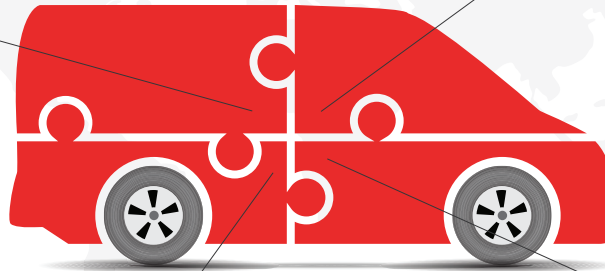
Both programmable control units will automatically start the system based on the outside temperature, ensuring that your car is always preheated in time and no excess energy is used.

### ENGINE HEATER

Easy-to-start engine, less engine wear, reduced fuel consumption and a more environmentally friendly start to the day.

### BATTERY CHARGER

DEFA MultiCharger is a maintenance charger designed for modern battery technology that improves battery reliability and actually extends the battery's life span.



## 1. Cord Set

- Armored Cable for maximal safety and durability
- Power Cable to power outlet SJOW rated
- Flush mounted plug (no more hanging cords) with mounting kit for installation on Fascia, Bumper or Grill.



## PLUS

### 2. On-Board Charger

Increases battery reliability by maintaining an optimal state of charge in all weather conditions.

**1203X On-Board Smart Charge with Harness, Mounting bracket and foam**



OR

### 3. Cabin Heater

For a warmer cabin with no idling, reduces the engine's running hours and fuel consumption.

Cabin Heater + Extension Cable



OR

### 4. WarmUp with Programmable Unit

To control your heating system.

**4a. Cabin Heater + On-Board Charger + Bluetooth Control Unit**



OR

**4b. Cabin Heater + On-Board Charger + Futura In-Car Control Unit**



OR / AND  
TO COMPLETE ANY  
OF THE ABOVE

## 5. Engine Heater and Connecting Cable

For a warmer engine that reduces fuel consumption and engine wear.





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## 1. Cord Set Assemblies

Cord Set Assembly is designed to reduce the complexity of your inventory while increasing flexibility in applications. Cord Set comes with 3 mounting installation kits for the front MiniPlug (Bumper, Grill, Plastic fascia). A power cable rated SJOW to connect the system to a power outlet is also included to offer maximum quality, safety and durability.

### MiniPlug cord set

Inlet 0.8m/2.6ft + Power Cable 3.5m/11.5ft

Part# 460980

Inlet 1.5m/4.9ft + Power Cable 2.5m/8.2ft

Part# 463911

Inlet 2m/6.6ft + Power Cable 2.5m/8.2ft

Part# 463913 — Most popular, fits most models.

Inlet 3m/9.8ft + Power Cable 2.5m/8.2ft

Part# 463915



## 2. Charger Assemblies (UNIVERSAL APPLICATION)

The charger assembly allows your business to reduce costs in components and storage while offering comprehensive vehicle coverage. For this reason we have made 3 assemblies where the difference is just the length of the 12V harness. All charger assemblies include rings of various diameters to fit most North American battery fitments.

### 1203X On-Board Smart Charge with Harness, Mounting bracket and foam

Charger with 2m/6.6ft 12V Harness

Part# 453013

Charger with 2.6m/8.6ft 12V Harness

Part# 453014 — Most popular, fits most models.

Charger with 3.5m/11.4ft 12V Harness

Part# 453015



## 3. Cabin Heater Assemblies (UNIVERSAL APPLICATION)

DEFA interior heater uses a PTC (PTC = Positive Temperature Coefficient) heating element that self adjusts output power to the inside temperature of the car.

### Cabin Heater

Termini™ 1200

Part#

433103



### Extension Cable

Termini™ Extension Cable

Part#

463391



NOTE: Any time you use a Cabin Heater, invest a few dollars to reduce installation time by purchasing a pull wire kit. Its special plug system allows connection to the Termini Cabin Heater Cable, making installation of the Cable through the firewall easier.

## 4. WarmUp Assemblies with Programmable/Control Unit (UNIVERSAL APPLICATION)

DEFA COMFORT SMART and DEFA COMFORT SMART PLUS assemblies offer an intelligent means of controlling the heating products through the use of one of our DEFA programmable control systems. When you combine multiple components, it is always recommended to have a control unit to control heating systems separately from charging, program your heating system and optimize energy usage.

Two types of control units to choose from:

**4a. with Bluetooth® Control Unit** — Pair to your smartphone to control with a flick of your thumb.

### Cabin Heater + On-Board Charger + Bluetooth Control Unit

Cabin Heater 1200W with 12V 2.6m/8.6ft Harness Part# 472008



• Smartphone not included.

OR

**4b. with In-Vehicle Control Unit** — A wired In-Car Control allows control of all your heating systems.

### Cabin Heater + On-Board Charger + Futura In-Car Control Unit

Cabin Heater 1200W with 12V 2.6m/8.6ft Harness Part# 472014



## 5. Engine Heater and Connecting Cable

To be sold as a standalone kit (ask for available fitments) or in addition to any of the above. DEFA has focused on easy installation and optimal heating functionality when developing solutions. Each of them is custom fit and uses a unique DEFA PlugIn connector for maximum safety and durability.

