

### XUIT EXTREMELY SELF-SUFFICIENT



### GO YOUR OWN WAY

With the new Xtura, you can discover practically endless possibilities for turning leisure time into mobile freedom. The vehicle's 4x4 drive system ensures reliable acceleration, even in adverse road conditions. With its optional all-road tyres with an excellent grip, as well as a torsion-resistant superstructure, the Xtura is also able to conquer difficult terrain off the beaten track. In the Overland version, even bulky additional luggage can be securely held on the roof rail equipped with a universal grid and a ladder.



# CREATE YOUR OWN FREEDOM

The Xtura is a real bundle of energy that allows you to not only achieve personal freedom but also maintain it. With a 330Ah lithium battery, including an inverter and a solar power system on the roof (optional), energy self-sufficiency is guaranteed for several days. The technical equipment also gives you the freedom to be independent: a compressor fridge, a cooker combination with 2 gas hobs and 1 induction hob and a 3kW inverter give you all the freedom you need.



# WANDERLUST WITHOUT HOMESICKNESS

Inside the Xtura, you take your own world with you on your journey. The bright friendly interior with a chalet oak décor and stylish and practical felt pockets is your very own personal feel-good space. In the kitchen, matt-black fittings and practical details such as towel rails elegantly integrated into drawer fronts catch the eye along with the combination hob with gas and induction rings. You can control the perfect cosy temperature using the hot water heating system, which even provides pleasant warmth on the floor.



Xtura







### RELAX AND GO EXPLORING

Comfort and relaxation play an important role in the Xtura, despite its manageable overall length of considerably less than 7 metres and a width of just 2.20 metres: the comfortable single beds, each with a mattress length of 1.95 metres, are perfect for resting on long-distance journeys. Bicycles and other sports equipment can be securely anchored in the garage with lashing rails under the beds. In addition, the clever washroom design with a swivel shower wall creates the perfect opportunity to freshen up for every need.

# VENTURE INTO THE UNKNOWN WITH CONFIDENCE

The Xtura can be equipped with Garmin World Wide Navigation to keep you on course at all times – even off the beaten track.

A satellite-supported and mobile network-independent emergency call function provides additional security here. Your Xtura is also easy to look after on long-distance journeys: the Daimler Benz Truck Service network and the Empirbus service network ensure that the base vehicle and electronic system will be in expert hands in many countries, even outside Europe, if required.



Xtura



### KEEP CALM AND CARRY ON

Everything the dynamic design of the sleek hood and the striking add-on parts suggests from the outside is confirmed by the vehicle's interior quality. The basis for the Xtura's robust, wood-free superstructure is the Eura Mobil Sealed Structure technology, in which glass fibre composite panels are bonded over the entire surface of aluminium profiles with high-strength industrial adhesives and then sealed without joints. The result is a body with high torsional rigidity, a long service life (10-year no-leak guarantee) and high resistance to weather-specific or chemical as well as mechanical stresses.

### **SPOT ON!**

The Xtura opens up a whole new chapter in terms of lighting performance. The high-power LED light bar mounted on the cab (optional) with a total light output of more than 21,000 lumens makes the night as bright as day when required. There are also lights at the rear and side of the railing to illuminate parking spaces or provide light while loading and manoeuvring in the dark.



Xtura







## EXTREMELY SELF-SUFFICIENT

Energy self-sufficiency for up to 20 days or more? - These are challenges that the Xtura thrives on. The "on-board power station" consisting of a 330 Ah lithium battery and 2x 135 Wp high-performance solar panels on the roof rack, plus additional power from folding mobile solar panels, form the basis for extremely long periods of self-sufficiency. Depending on conditions, you can remain independent of the power grid for even longer, as the Xtura quickly recharges energy during the journey via a reinforced alternator with 60 A charging capacity. With a 3 KW inverter / shore power charger, there are plenty of reserves on board for battery charging and cooking, as well as for the air conditioning system and other individual power consumers. A power sharing control system ensures optimum utilisation of shore power resources. The Empirbus-controlled on-board control displays also give you a convenient overview of all key performance parameters and on-board power reserves via the control panel or a smartphone.

### THE LONG-DISTANCE TRAVEL **CONCEPT AT A GLANCE**

- 1. Superstructure concept for long-distance travel and slopes
- 2. Sealed Structure technology
- 3. Off-road and long-distance travel equipment
- 4. All-season performance
- 5. Self-sufficiency >30 days
- 6. On-board control
- 7. Off-road navigation and safety

The Xtura is a conceptually well thoughtout long-distance motorhome with a cross-system design.



#### THE COMPONENTS FOR IMPLEMENTATION

Ground clearance and slope angle

> Torsional stability and resistance to weathering and chemical influences

Modern interior offering superb travelling comfort

Thermal insulation without cold bridges; long-lasting

hot water and hot water underfloor heating

Delta wheels

AT tyres

and

"VICTRON" energy supply

concept

ALDE heating technology for

Roof rack system for cargo

**GARMIN Tread Overland** 

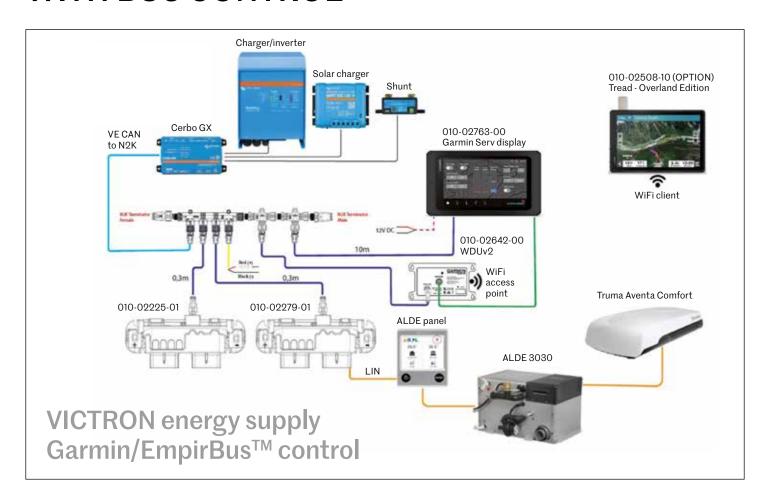
All on-board functions are integrated into the GARMIN EmpirBus™ system

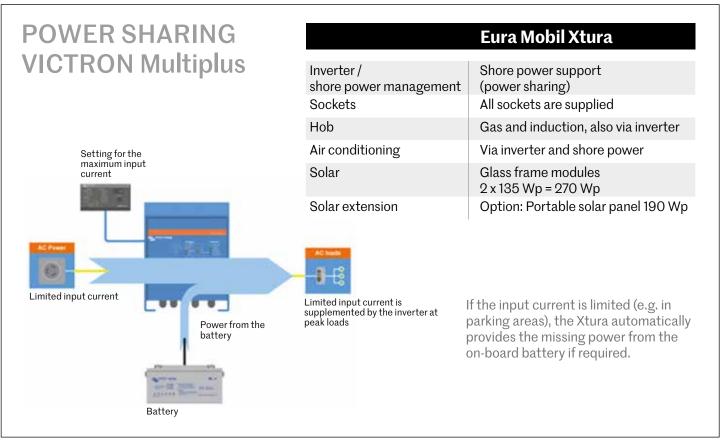
Side and rear lighting

The Xtura is not characterised by individual, selective highlights for special extreme situations, but rather by its suitability for a wide range of tasks - everything from comfortable and relaxed travelling to technically demanding challenges on slopes in distant countries with poorly developed infrastructures.



### THE ENERGY SELF-SUFFICIENCY CONCEPT WITH BUS CONTROL





### OUTPUT AND FUNCTIONALITY OF THE POWER SUPPLY SYSTEM

	Eura Mobil Xtura	
Battery type	LifePo4	
Capacity	1x330 Ah 1 battery with 4 cells	
Max. charging/discharging current	400 A	
Weight	27 kg	
Energy utilisation rate	92% (only 4 cells, because one battery)	
Real usable energy	304 Ah	
Inverter / shore power manage- ment	Victron Multiplus	
	2,400 W continuous power 6,000 W peak power Efficiency: 95% Battery charging capacity 120 A	
	Adjustable shore power limitation	
	All 230V consumers (except heating) and all sockets are supplied by the inverter.	

	Eura Mobil Xtura	
Solar controller pre-fitting	Standard: Additional solar controller for portable solar panel connection	
Alternator charging	2 x 30 A booster	
Starter battery charging	Yes, 4 A	
Control unit	Integration into GARMIN EmpirBus™ Individual devices via Bluetooth Addressable	
	Adjustable shore power limitation	



Lithium battery



Solar power system



Garage with electrical distributor panel



The Xtura combines high-energy peak and continuous output with convenient control via an on-board panel, a pad or a smartphone.



### SELF-SUFFICIENCY AND NAVIGATION – SPECIFICS

#### Sample calculations for self-sufficiency\*

A) High consumption, high charging power

#### Consumers incl. Power/day data Average consumption A/C superstructure Electric cooking Coffee machine Hair dryer Light Refrigerator 2,800 Wh/d Heating Solar yield 1,253 Wh/d Number of hours of sunshine 5.8 h Power from 2 solar panels x 135W 270 W Efficiency 80% 216 W Solar power 1,440 Wh/d Yield from main engine 2 h Assumed journey time 2 Orion power 720 W Total self-sufficient energy yield 2,693 Wh/d Self-sufficient energy balance -107.2 Wh/d On-board voltage 12 V Consumption/day -9 Ah/d Battery storage 330 Ah Available battery storage 92% 304 Ah 34 days Possible self-sufficiency

#### B) Medium consumption, low charging power

	•	0 0.
Individual data	Consumers incl.	Power/day
	Coffee machine Hair dryer Light-reduced refrigerator Heating	
		1,400 Wh/d
		216 Wh/d
1 h		
270 W		
80%		
216 W		
		720 Wh/d
1h		
720 W		
		936 Wh/d
		-464 Wh/d
		12 V
		-39 Ah/d
330 Ah		
92%		304 Ah
		8 days

<sup>\*</sup> Actual self-sufficiency depends on individual charging capacity, individual consumption and individual conditions

#### **Garmin Tread - Overland Edition**

- Topographical maps
- Vehicle-specific navigation
- Birds-eye satellite images via download included
- Integrated:
  - Altimeter Barometer Compass
  - Inclination angle sensors Gyroscope
- Integrated inReach® global satellite communication with two-way text messages and interactive SOS emergency calls











### **HIGHLIGHTS / DETAILS\***

### **INTERIOR:**



Felt pockets

Gas/induction cooking

Towel rails

Swan neck lamps

Panoramic roof



Swivel shower wall

Face-to-face single seat

Lashing rails

Compressor refrigerator

Alde in floor/seat

### **EXTERIOR:**



Rims

Lights on rail

Camera

Roof rail

Chassis slope angle

### **FLOOR PLAN**

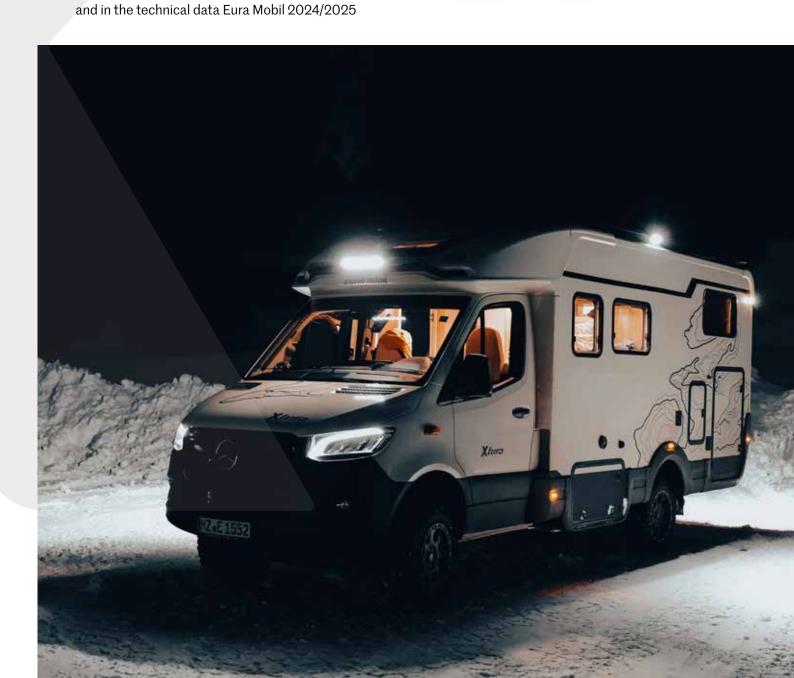
### XT 686 EF

Total length: 6,88 m Total width: 2,20 m Total height: 3,05 m Standing heigt: 1,98 m

more information here:









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#### Eura Mobil GmbH

Kreuznacher Straße 78 · 55576 Sprendlingen (Rheinhessen)
Tel. +49 6701 / 203 200 · Fax +49 6701 / 203 210
info@euramobil.de · www.euramobil.de