

PRESS RELEASE

The HYMER Smart Battery System: an innovative energy system for even greater independence on the road

Bad Waldsee, 12 January 2018 – At CMT 2018 in Stuttgart, the manufacturer of premium motorhomes and caravans from Bad Waldsee will be presenting a unique solution for supplying leisure vehicles with power. The system stores energy in both lithium and lead batteries, and their charge status is controlled in an intelligent way. As a result of this, motorhome enthusiasts will be able to take significantly longer self-sufficient trips in future.

A starter battery and a living area battery are installed as standard in each HYMER motorhome and every HYMERCAR camper van. The new HYMER Smart Battery System means that customers now have the option to have a lithium battery installed instead of an additional, conventional living area battery. The continuous operation of conventional lead batteries when their charge status is low means that they often become defective in one to three years, whilst pure lithium systems perform far better and last for a longer period of time, although they are very expensive to purchase. The HYMER Smart Battery System combines the superb performance of lithium batteries with the low costs of conventional lead batteries.

The advantages of the HYMER Smart Battery System and how it works

The HY-Tec lithium battery 135 consists of six individual modules (LE300), which are connected to the lead batteries in parallel. This extendable solution increases both the capacity and performance of the lead batteries, whilst simultaneously tripling the efficiency and, if used optimally, the lifespan of the entire system to around ten years. The lithium batteries undertake the majority of the charging cycles, whilst the lead batteries serve as backup storage devices. The result of this process is a reliable and stable power supply on the road, creating even greater independence from external power sources.

In addition, a clear increase in the level of self-sufficiency can be achieved thanks to the doubled capacity and a weight reduction of five kilograms compared with the previous system: at the typical rate of use, independent journeys can be extended from 2.8 to 5.6 days, and the battery efficiency is also increased from 70 to over 90 percent with the HYMER Smart Battery System. By connecting together two different battery systems, the entire winter-proof system can even be operated at temperatures below 5°C without any adverse impact on the lithium battery. This is because the operation of the entire system at lower temperatures is ensured by the lead battery, which is impervious to the cold.

Company contact:

Hymer GmbH & Co. KG
Holzstraße 19
D-88339 Bad Waldsee

Sarah Lemke
Tel.: +49 (0)7524-999 236
E-mail: presse@hymer.com

Agency press contact:

LoeschHundLiepold Kommunikation GmbH
Tegernseer Platz 7
D-81541 Munich

Marcel Bahrenburg
Tel.: +49 (0)89-72 01 87-291
E-mail: hymer@lhlk.de

PRESS RELEASE

As three different equipment packages are available, which differ in the number of corresponding lithium and/or lead batteries and therefore the power capacity, the new HYMER Smart Battery System enables the customer to tailor their vehicle to their own needs. As of January 2018, it can be installed in all new models from the HYMER and HYMERCAR brands.

		Previous system	HYMER Smart Battery System
	Standard system*	2nd living area battery*	HY-TEC lithium battery 135
Number of batteries	AGM 95 Ah (living area battery)	AGM 95 Ah (living area battery) + 2nd AGM 95 Ah	AGM 95 Ah (living area battery) + lithium battery 135 Ah
Usable capacity	47 Ah	Approx. 95 Ah	185 Ah
Lifespan	Approx. 3 years	Approx. 3 years	Approx. 10 years**
Weight	Approx. 26.4 kg	Approx. 56.4 kg	Approx. 51.4 kg
Self-sufficient days / Hours without recharging:			
Period of self-sufficiency at the typical rate of use***	1.4 days	2.8 days	5.6 days
Average period of self-sufficiency when using TV+SAT	0.8 days	1.5 days	3.2 days

* Please note that the AGM battery values are for guidance only. These values may vary greatly depending on the maintenance condition and user behaviour.

** The lithium battery is used preferentially and the lead battery is kept fully charged. As a result, there are typically far fewer charging cycles that are used with the lead battery. The lead battery remains more fully charged, which counteracts performance-reducing sulphation.

*** Typical use includes average user behaviour as follows: 5 h 20 W light (100 Wh), 4 h TV (70 Wh), 10 min travel hair dryer (130 Wh), standby consumption, mobile phone charging, step, water pump, ventilation.

For more information, visit www.hymer.com

A wide range of press releases and high-resolution images can be found [here](#).
HYMER on Facebook: www.facebook.com/hymer.reisen.im.original

Company contact:
Hymer GmbH & Co. KG
Holzstraße 19
D-88339 Bad Waldsee

Sarah Lemke
Tel.: +49 (0)7524-999 236
E-mail: presse@hymer.com

Agency press contact:
LoeschHundLiepold Kommunikation GmbH
Tegernseer Platz 7
D-81541 Munich

Marcel Bahrenburg
Tel.: +49 (0)89-72 01 87-291
E-mail: hymer@lhlk.de

PRESS RELEASE

About HYMER

Since its foundation in 1957, HYMER has been a household name in motorhomes and caravans "Made in Germany". The company is not only notable for its long tradition and passion for motorhoming, but is also one of the leading manufacturers in the premium sector thanks to its high standards of quality and consistent record of innovation. Hymer GmbH & Co. KG markets its products under the four brands of HYMER Motorhomes, ERIBA Caravans, HYMERCAR Camper Vans and HYMER Original Parts & Accessories. Hymer GmbH & Co. KG is part of the Erwin Hymer Group.

About the Erwin Hymer Group

The Erwin Hymer Group brings together motorhome and caravan manufacturers, accessory specialists as well as rental and financing services under one roof. With more than 6,000 employees worldwide and around 55,000 leisure vehicles, the Group achieved a turnover of 2.1 billion euros in the 2016/17 business year. The Erwin Hymer Group includes the motorhome and caravan brands American Fastbacks, Buccaneer, Bürstner, Carado, Cliffride, Compass, Dethleffs, Elddis, Eriba, Etrusco, Hymer, Niesmann+Bischoff, Laika, LMC, Roadtrek, Sunlight and Xplore, the motorhome rental companies Best Time RV, McRent and rent easy, the chassis specialist Goldschmitt, the accessory specialist Movera, the tent caravan manufacturer 3DOG camping and the travel portal freeontour.

Company contact:

Hymer GmbH & Co. KG
Holzstraße 19
D-88339 Bad Waldsee

Sarah Lemke
Tel.: +49 (0)7524-999 236
E-mail: presse@hymer.com

Agency press contact:

LoeschHundLiepold Kommunikation GmbH
Tegernseer Platz 7
D-81541 Munich

Marcel Bahrenburg
Tel.: +49 (0)89-72 01 87-291
E-mail: hymer@lhlk.de