

NiMHax[®] HEV

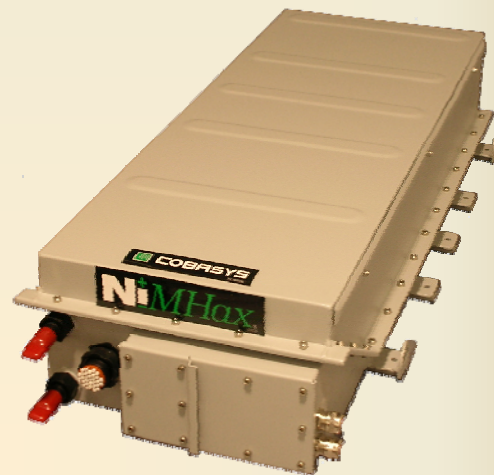
High Powered Hybrid Electric Vehicle Battery Systems Solutions

COBASYS brings you advanced Nickel Metal Hydride battery technology that offers safe, reliable, proven HEV power & performance for ultra long life – for every application!

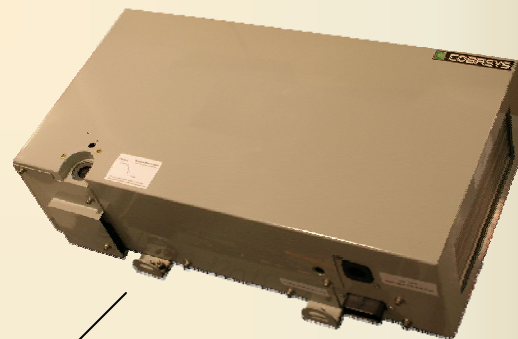
We offer a full range of complete integrated battery systems, including our: NiMH Series 1000 battery modules, system design, packaging, wiring, thermal management, battery management electronics, control algorithms, interface to applications, assembly, engineering support, integrating service and project management.

Features:

- **Choice of integrated and remote cooling**
- **Available for both interior and fully sealed exterior applications**
- **Plug-and-play**
- **High speed CAN communications BUS**
- **Built in high voltage interlock system**
- **Integrated state-of-charge algorithms**



Model: NiMHax 336-70



Model: NiMHax 144-30 *ic*
with integrated cooling
for interior installations



High Powered Hybrid Electric Vehicle Battery Systems Solutions

Utilizing our advanced Series 1000 NiMH battery modules, Cobasys offers a full range of NiMHax HEV system solutions.

Choose the package that suits your needs!

Specifications*

Model	Voltage	Capacity	Power	Energy	Mass	Dimension**	Application
NiMHax 144-30	144 V	8.5 Ah	30 kW	1.2 kWh	51 kg	650 x 437 x 218 mm	Small HEV
NiMHax 144-30 <i>ic</i>					55 kg	685 x 405 x 193 mm	
NiMHax 144-60	144 V	17 Ah	60 kW	2.4 kWh	102 kg	(2) NiMHax 144-30	Small HEV, SUV
NiMHax 144-60 <i>ic</i>					110 kg	(2) NiMHax 144-30 <i>ic</i>	
NiMHax 288-60	288 V	8.5 Ah	60 kW	2.4 kWh	88 kg	922 x 437 x 218 mm	SUV
NiMHax 288-60 <i>ic</i>					92 kg	930 x 405 x 193 mm	
NiMHax 288-120	288 V	17 Ah	120 kW	4.8 kWh	176 kg	(2) NiMHax 288-60	Small bus, large SUV
NiMHax 288-120 <i>ic</i>					184 kg	(2) NiMHax 288-60 <i>ic</i>	
NiMHax 336-70	336 V	8.5 Ah	70 kW	2.8 kWh	99 kg	1017 x 442 x 218 mm	Light truck
NiMHax 336-70 <i>ic</i>					100 kg	1020 x 405 x 193 mm	
NiMHax 336-140	336 V	17 Ah	140 kW	5.6 kWh	198 kg	(2) NiMHax 336-70	Small bus
NiMHax 336-140 <i>ic</i>					200 kg	(2) NiMHax 336-70 <i>ic</i>	
NiMHax 576-120	576 V	8.5 Ah	120 kW	4.8 kWh	176 kg	(2) NiMHax 288-60	Heavy duty equipment
NiMHax 576-120 <i>ic</i>					184 kg	(2) NiMHax 288-60 <i>ic</i>	
NiMHax 576-240	576 V	17 Ah	240 kW	9.6 kWh	352 kg	(4) NiMHax 288-60	Large bus HEV
NiMHax 576-240 <i>ic</i>					368 kg	(4) NiMHax 288-60 <i>ic</i>	
NiMHax 672-140	672 V	8.5 Ah	140 kW	5.6 kWh	198 kg	(2) NiMHax 336-70	Heavy duty equipment
NiMHax 672-140 <i>ic</i>					200 kg	(2) NiMHax 336-70 <i>ic</i>	
NiMHax 672-280	672 V	17 Ah	280 kW	11.2 kWh	396 kg	(4) NiMHax 336-70	Heavy duty equipment
NiMHax 672-280 <i>ic</i>					400 kg	(4) NiMHax 336-70 <i>ic</i>	

*Specifications subject to change.

**Approximate (L x W x H).

Power at 50% DOD, 10 seconds, 35° C at 2/3 OCV



3740 Lapeer Road South Orion, MI 48359

(P) 248.620.5700 (F) 248.620.5702

sales@cobasys.com

www.cobasys.com