

荷主各位

マースク AS
カスタマーエクスペリエンス

【輸出】電気自動車の取り扱いについて (2)

拝啓、貴社益々ご清祥のこととお慶び申し上げます。
平素は格別のお引き立てを賜り、厚く御礼申し上げます。

さて、昨今、リチウム電池を動力源とする電気自動車の取り扱いが大幅に増加しておりますため、改めて車両種別ごとの申告方法をご案内申し上げます。
なお、品目の項目に変更がございますので、下記ご参照ください。

下記のガイドラインをご参照のうえ、お手続きくださいますようお願い申し上げます。

敬具

記

【対象貨物】

- 新車、中古車、部品
(車、バイク、ボート、航空機、スクーター、ゴルフカート、車椅子、芝刈り機などを含む)

Vehicle type	Commodity code	Commodity description	Booking Type
ガソリン車 ハイブリッド車	4607	NEW NON ELECTRIC VEHICLE (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	DG (UN3166/Class9) もしくは NON-DG (SP9611に準ずる場合のみ)
	4608	USED NON ELECTRIC VEHICLE (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	
	4609	DAMAGED NON ELECTRIC VEHICLE (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	
電気自動車 蓄電池の種類：リチウム	4610	NEW ELECTRIC VEHICLE, solely Lithium Battery Powered (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	DG (UN3171/Class 9)
	4613	USED ELECTRIC VEHICLE, solely Lithium Battery Powered (containing BATTERY IN GOOD STATE - Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	
	4614	DAMAGED or TOTAL LOSS ELECTRIC VEHICLE, solely Lithium Battery Powered (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	
	4615	COMBINED NEW/DAMAGED OR TOTAL LOSS NON ELECTRIC VEHICLES AND ELECTRIC VEHICLES solely Lithium Battery Powered (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	
電気自動車 蓄電池の種類：リチウム以外	4616	New Electric vehicles solely powered by non-lithium batteries (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	DG (UN3171/Class9) もしくは NON-DG (SP9611に準ずる場合のみ)
	4617	USED ELECTRIC VEHICLE solely powered by non-lithium batteries (containing BATTERY IN GOOD STATE - Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	
	4618	DAMAGED or TOTAL LOSS ELECTRIC VEHICLE, solely powered by non-lithium batteries (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others)	

※ DAMAGED = 自走不能な車両

【車両種別ブッキング受付方法】

● ガソリン車 / ハイブリッド車

- ◇ IMDG コード特別要件 (SP961) に則していない貨物は UN3166 / クラス 9 の危険品としてご申告ください。
- ◇ IMDG コード特別要件 (SP961) に則している貨物は非危険物として取り扱われます。
従来ご提出いただいていた Letter of Certificate & Indemnity は今後不要となります。

● 電気車両

E-Vehicle (Lithium Battery)

- ◇ UN3171 / クラス 9 の危険品としてご申告ください。 特別要件などの規定はありません。

E-Vehicle (Lithium Battery 以外)

- ◇ UN3171 / クラス 9 の危険品としてご申告ください。
- ◇ IMDG コード特別要件 (SP961.5) に則している貨物は非危険物として取り扱われます。

【危険品ブッキングご依頼方法】

- 弊社ウェブサイトの E-Solutions より「maersk.com 新規ブッキングの入力方法」をご覧ください。
<https://www.maersk.com/local-information/asia-pacific/japan>

【注意点】

- 上記ガイドラインを遵守いただけていないことが判明した場合、Mis declaration fee - Origin が適用となります。
- 危険品に該当する車両は、マースク SPOT をご利用いただけません。
Service Contract をお持ちでない場合は、事前に弊社 e コマースサイト (maersk.com) よりお見積りをご取得ください。
- 中古エンジン、車両部品に関しましては、引き続き特別要件 (SP961) に適合している事をご確認いただくと共に、コンテナ内床全面にオイル/グリス等による汚れが付着しないよう、以下の要領にてご手配ください。
 1. バンニング前にビニールシートをコンテナ内床全面に敷いてください。
(ビニールシートはお客様手配にてご用意ください)
 2. ビニールシートの端をコンテナ側面に沿って折り曲げてください。
 3. ビニールシートを敷いた後、床と側面にベニヤ板を敷いてください。
 4. オイル等が漏れても十分吸収できるよう、おがくずを敷く等、対策を事前に行ってください。
 5. 片荷やコンテナの側面に膨らみが生じない様、完全にラッシングが行われていることをご確認ください。

その他ご不明な点等につきましては、弊社営業部またはカスタマーエクスペリエンスまでお問合せください。
各ローカルオフィスの情報については([こちら](#)) からご確認ください。

以上

Oct 18th, 2023

Vehicle Information Letter

Vehicles are self-propelled apparatus designed to carry one or more persons or goods. There are multiple types of vehicles such as: Cars - Motorbikes - Bicycles - Airplanes - Forklifts - Boats - Scooters - Golf Carts and others.

In general, depending on their **power means**, a vehicle can be identified as: Conventional, Hybrid or Electric. Special Provision 388 (SP388) of the International Maritime Dangerous Goods Code (IMDG) described vehicles depending on their power system and assigns vehicles to specific united nations identification number.

- A. *Conventional Vehicle*: Conventional vehicles use gasoline (petrol) or diesel-powered engines / internal combustion. (UN3166/9 or non-DG if in accordance with SP961)
- B. *Hybrid Vehicles*: use a combination of a combustion engine and battery powered by electricity, these are different compared with an electric vehicle (EV) that is only powered by electricity. (UN3166/9 or non-DG if in accordance with SP961)
- There are two types of Hybrid Vehicles:
- Regular Hybrid Vehicles and Plug in Hybrid Vehicles.
 - Plug-in Hybrid Electric Vehicles, or PHEVs, have both an engine and electric motor to drive the car. Like regular hybrids, they can recharge their battery through regenerative braking. They differ from regular hybrids by having a much larger battery.
- C. *Electric Vehicle*: An EV is a mode of transport which is powered by electricity. It's a self-propelled apparatus designed to carry one or more persons or goods. (UN3171/9 no exemptions possible)

Over the last years, **lithium batteries** have become the preferred energy source to power a wide variety of consumer goods ranging from mobile phones to children's toys to cars to *electric vehicles*. In fact, most of the existing EV's and Plug in Hybrid EV's are powered by lithium-ion batteries. In 2022 Maersk shipped approx. 12,470 containers of E-vehicles without any reported incident.

Though widely used, most people are not aware that lithium batteries are hazardous substances classified as dangerous goods that can pose a safety risk if not prepared in accordance with the transport regulations.

As per the IMDG Code, an EV "solely" powered by lithium batteries will ALWAYS be classified and considered as Dangerous Good and therefore must be declared as such, no exemptions apply.

UN3171/9 BATTERY POWERED VEHICLE or BATTERY POWERED EQUIPMENT

Previously, our booking system via maersk.com allowed users to book EV's under commodity codes assigned to "standards vehicles". There was no proper differentiation between a standard vehicle and an electric vehicle solely powered by lithium batteries.

Hence, we have reviewed and enhanced the commodity codes for vehicles to ensure we operate with the utmost safety and in compliance with the international safety standards.

Hybrid vehicles will always be considered as Non-Electric Vehicles, as they are always **partially powered by fuel and a battery source**. They could be declared as non-DG if they follow SP961 of the IMDG Code; otherwise they must be declared as DG.

As with any potentially dangerous cargo, it is the sole responsibility of the customer to follow and comply with the IMDG regulations and requirements when shipping vehicles. Should the shipper fail to follow these requirements, a misdeclaration fee of 5,000 US Dollar will be applied per bill of lading for all brands and countries as a base level. The fee may be subject to a harsher local tariff (Exception China: GCA tariff is USD 15,000/container for MSK/SAS with no change) but can never go below the stipulated level. The misdeclaration fee is charged across all APMM Brands.

To avoid the administrative fee for misdeclared cargo, all customers are required to:

- Ensure that the cargo is declared correctly and booked under the right commodity code from the beginning of the booking process.
- IMO classes and UNNOs are correctly declared from the beginning of the booking process.
- The cargo in question complies with our policies and regulations.

In this regard, we would like to share Best Practice to transport [E-vehicles \(battery powered\)](#) and [Vehicles \(non-battery powered\)](#) as below.

Commodity: E-VEHICLES – battery powered

For all other vehicles please refer to “VEHICLES – non battery powered”.

Description:

The IMDG (International Maritime Dangerous Goods) Code covers a wide range of terms and phrases related to “vehicles.” An electric vehicle (EV) is a mode of transport which is powered by electricity. Unlike conventional vehicles that use a gasoline (petrol) or diesel-powered engine. Vehicles are self-propelled apparatus designed to carry one or more persons or goods. Dangerous goods such as air bags, fire extinguishers or other integral components of the vehicle that are necessary for the operation of the vehicle are not subject to IMDG requirements.

Synonyms:

Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts etc.

Type of Container:

Acceptable in all kinds of container types, except reefer (see below)

Car racking systems and used vehicles are prohibited in active REEFER and non-operated REEFER containers

Risk:

E-vehicles can self-ignite due to thermal runaway of the battery and cannot be extinguished by water.

www.maersk.com Commodity description and Circumstances under which we accept this commodity:

UN3171/9 in accordance with IMDG code SP962

NON-Dangerous Goods in accordance with IMDG code SP961.5

New Vehicles

- Not older than 6 months
- Undamaged vehicles
- Must be booked under:

NEW ELECTRIC VEHICLE, **solely Lithium Battery Powered** (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Must be always booked as DG**
or



NEW ELECTRIC VEHICLES **solely powered by non-lithium batteries** (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Can be booked as DG or NON-DG**

Used Vehicles

- Older than 6 months
- Undamaged vehicles
- Must be booked under:
 - USED ELECTRIC VEHICLE, **solely Lithium Battery Powered** (containing BATTERY IN GOOD STATE - Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Must be always booked as DG**
 - or
 - USED ELECTRIC VEHICLE **solely powered by non-lithium batteries** (containing BATTERY IN GOOD STATE - Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Can be booked as DG or NON-DG**

Damaged Vehicles (end of life / total loss)

- Vehicles with structural damage
- Battery must be checked, tested, and not showing sign of even slight damage
- Must be booked under:
 - DAMAGED or TOTAL LOSS ELECTRIC VEHICLE, **solely Lithium Battery Powered** (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Must be always booked as DG**
 - or
 - COMBINED NEW/DAMAGED OR TOTAL LOSS NON-ELECTRIC VEHICLES AND ELECTRIC VEHICLES **solely Lithium Battery Powered** (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Must be always booked as DG**
 - or
 - DAMAGED or TOTAL LOSS ELECTRIC VEHICLE, **solely powered by non-lithium batteries** (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Can be booked as DG or NON-DG**

Packing & Stuffing Remarks:

- Acceptable unpacked, but vehicles must be lashed and secured in a way that the vehicle cannot move

Circumstances under which we **DO NOT accept this commodity:**

Vehicles with damaged battery

Required documentation when shipped as Dangerous Goods:

- Dangerous Goods Declaration (DGD)
- Container Packing Certificate (CPC) (As long as CPC clause is included in the DGD form, no separate document is required)

**Commodity: VEHICLES – non battery powered**

For E-vehicles please refer to “E-VEHICLES (vehicles - battery powered)”

Description:

The IMDG (International Maritime Dangerous Goods) Code covers a wide range of terms and phrases related to “vehicles.” Conventional vehicles use gasoline (petrol) or diesel-powered engines. There are also hybrid vehicles that use a combination of a combustion engine and battery powered by electricity, these are different compared with an electric vehicle (EV) that is only powered by electricity. Vehicles are self-propelled apparatus designed to carry one or more persons or goods. Dangerous goods such as batteries, air bags, fire extinguishers or other integral components of the vehicle necessary for its operation are not subject to IMDG requirements.

Synonyms:

Cars, Motorbikes, Airplanes, Forklifts, Boats etc.

Type of Container:

Acceptable in all kinds of container types, except reefer (see below)

Car racking systems and used vehicles are prohibited in active REEFER and non-operated REEFER containers

Risk:

Vehicles that have either a connected battery or fuel tank containing flammable liquid (petrol or diesel) or flammable gas such as propane, which can cause sparks and fire.

www.maersk.com Commodity description and Circumstances under which we accept this commodity:

UN3166/9 in accordance with IMDG code SP962

Non-dangerous goods in accordance with IMDG code SP961

New undamaged Vehicles

- Battery must be protected from short-circuit.
- Fuel tank must be drained
- No leakages
- Key must be taken off the starter
- Must be booked under:
NEW NON-ELECTRIC VEHICLE (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Can be booked as DG or NON-DG**

Used undamaged Vehicles

- Battery must be disconnected. Battery cable connection must be insulated with special battery isolating tape
- Fuel tank must be drained
- No leakages
- Key must be taken off the starter
- Must be booked under:
USED NON-ELECTRIC VEHICLE (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Can be booked as DG or NON-DG**

Damaged vehicles (end of life / total loss)

- Battery must be removed and not placed in the vehicles or container
- Fuel tank must be drained



- No leakages
- Key must be taken off the starter
- Must be booked under:
 - DAMAGED NON-ELECTRIC VEHICLE (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Can be booked as DG or NON-DG**
 - or
 - COMBINED NEW/DAMAGED OR TOTAL LOSS NON-ELECTRIC VEHICLES AND ELECTRIC VEHICLES **solely Lithium Battery Powered** (Cars, Motorbikes, Bicycles, Airplanes, Forklifts, Boats, Scooters, Golf carts, others): **Must be always booked as DG**

Packing & Stuffing Remarks:

- Acceptable as unpacked, but vehicles must be lashed and secured to avoid the vehicle can move

Circumstances under which we **DO NOT accept this commodity:**

Damage vehicles with battery installed

Required documentation when shipped as Dangerous Goods:

- Dangerous Goods Declaration (DGD)
- Container Packing Certificate (CPC) (As long as CPC clause is included in the DGD form, no separate document is required)

How to Book Dangerous Cargo with Maersk:

- Main Website: <https://www.maersk.com/support/faqs/how-to-book-dangerous-cargo>
- EDI (Electronic Data Interface)

AP Møller Mærsk