

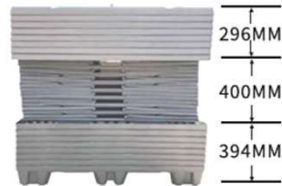
Plastic Box

Advantages:

- Lightweight
- 1.It provides better protection; it is based on 8-12mm patented honeycomb board or hollow board;
- 2.It enjoys excellent load-bearing performance;
- 3.It is easier to operate for female operators.



High protection capability
Long service life
Dispensing with wrapping film protection
Waterproof, dustproof, easy to clean
Flexible
Directly operable by forklift, easy to load
Stackable on a nested basis, saving space



Dustproof, waterproof

It resists both dust and water.
It is stackable outdoors; a diversion trench is designed on the bottom, making it worry-free for parts.

Operating Process:



Unitization

- 1.Lightweight
- 2.Emphasis on man machine engineering
- 3.Foldable
- 4.Customizable lining
- 5.Sturdy and durable

With great-leap-forward development of the logistics packaging industry, reducing costs, improving production efficiency and developing green recyclable logistics packaging have struck a chord with enterprises. Repeated use of cardboard boxes and wooden cases causes massive pollution and wasting.



Name	Model	External size L*W(mm)	Internal size L*W(mm)	Loading capacity L*W(mm)
Boarding box1	S01	1200* 800	1130* 730	400
Boarding box2	S02	1200* 1000	1130* 930	400
Boarding box3	S03	1140* 1140	1070* 1070	400
Boarding box4	S04	1220* 1140	1150* 1070	400
Boarding box5	S05	1470* 1140	1470* 1140	400
Boarding box6	S06	1600* 1140	1530* 1070	400

The size and height of boarding box are customizable

Advantages:

- *It meets transportation demand of the auto industry;
- *Lining and top cover provide additional protection;
- *Loading and unloading are simpler; it is foldable and stackable, saving space, greatly mitigating damage in work; unit and stack bear 500kg and 2,500kg, respectively.



Name	Size	Internal size	Self weight	Loading capacity
Pallet crate	1200*1000*980 mm	1120*920*760mm	63KG	500KG

New injection molding products



	Outside (1 * w)	Inside (1 * w)	Weight (Lid&Base)	N.D.W	Maximum Load	Material (lid&base)	volume reduction
F H 47"x39"	1200*1000	1130*930	44kg	1763lb 800kg	7275lb 3300kg	PP/HDPE	80%

Height can be customized
More products are in development

Vacuum-formed product series cases



Vacuum-formed
product series cases

Vacuum forming-based packaging enjoys a number of advantages: it saves raw and auxiliary materials; it is lightweight, convenient to transport; it exhibits excellent sealing property; it meets the requirements of environmentally friendly, green packaging; it accommodates any product in special shapes; packing dispenses with cushioning material; the packaged products are transparent and visible, have a good-looking appearance, making them easy to sell; it is suitable for mechanized, automatic packaging; it facilitates modern management, saves manpower and improves the efficiency.



Oil sump packaging



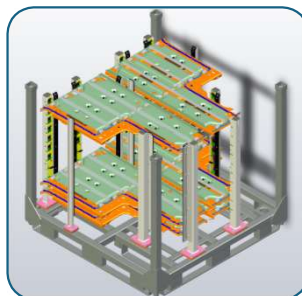
Transmission shaft packaging



Interior trim part packaging

Battery Handling Solution

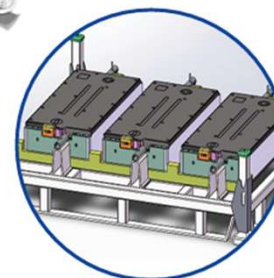
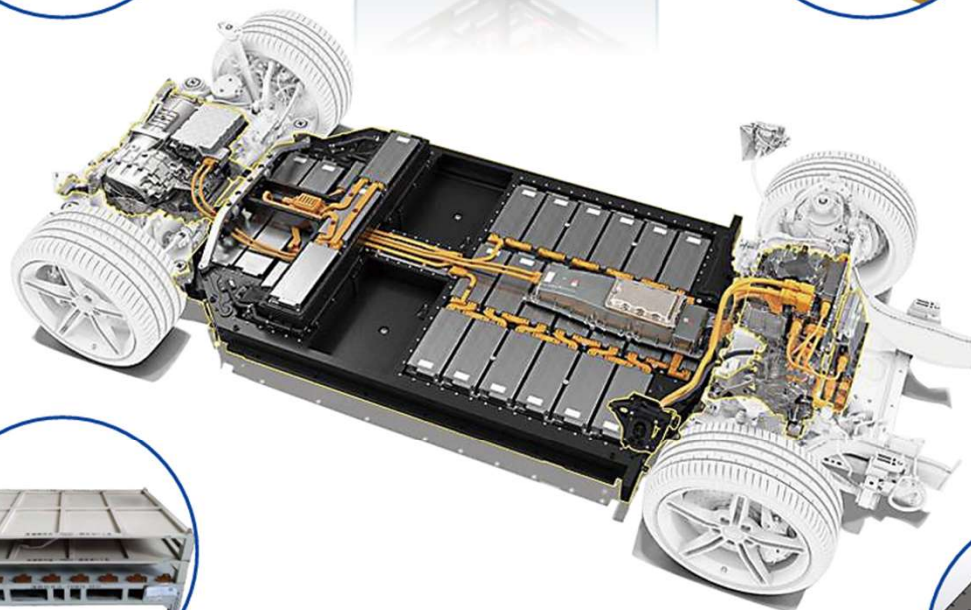
- New energy cell packaging



- New energy explosion-proof box



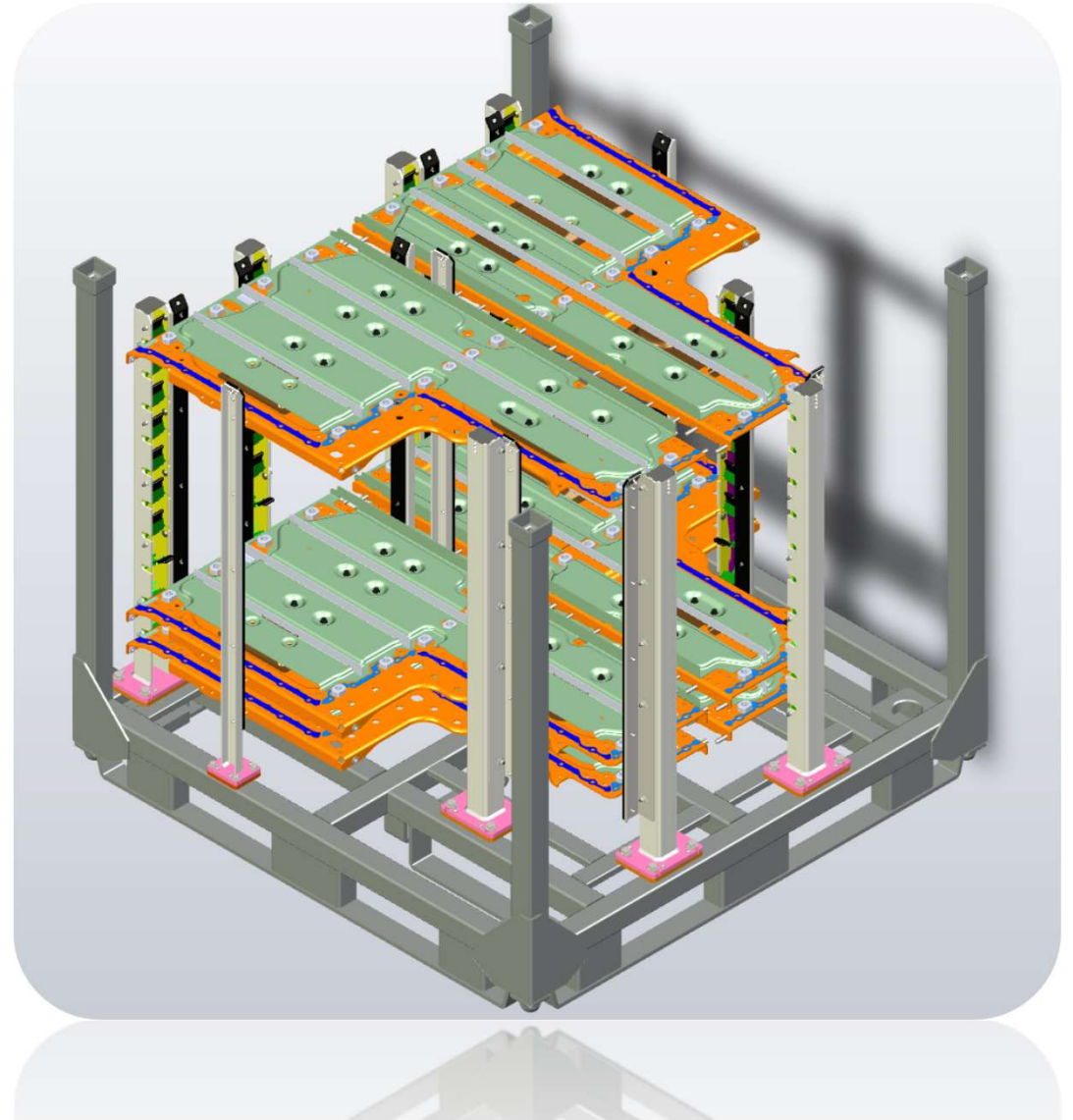
- New energy module packaging



- New energy PACK

Handling of battery pack frames

We design the racks used in the production of the frame that houses the battery packs, optimizing the structure and enabling the automation of all frame-handling operations.



Supporting Auxiliary Materials



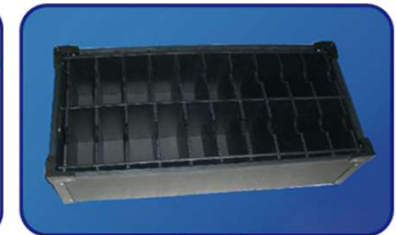
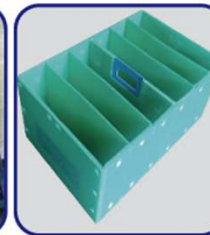
EVA, EPP, EPE series cases

Internal Material Packaging Solution

Hollow board box, also called calcium-plastic box, features lower costs compared with plastic box; its size is customizable. At present, it is mostly used within factory, but some customers adopts it for special products.



Hollow board box



Partition-containing hollow board box is customizable and can be used for complete sets of products.

Antistatic hollow board box is widely applied in the electronics industry.

Plastic Containers

This series logistics crate is widely applied in transportation, warehousing, circulation, processing, manufacturing and other closed loop distribution systems for automotive OEMs including Toyota, Foton, Mitsubishi Motors and their supporting parts suppliers.

EU series standard logistics create



Size of boarding box

Model	Material	External size L*W(mm)	Effective lining L*W(mm)	Effective lining L*W(mm)	Volume (L)
EU2311	PP	300*200*120	265*165*110	255*155*103	4.7
EU4311	PP	300*400*120	365*265*115	355*255*100	10.6
EU4316	PP	300*400*175	365*365*165	355*355*150	15.2
EU4322	PP	400*300*230	365*265*220	355*255*210	20.4
EU4311	PP	400*300*120	365*265*110	355*255*100	21.7
EU4616	PP	600*400*175	565*365*165	555*355*150	32.7
EU4622	PP	600*400*230	565*365*220	555*355*210	43.9
EU4633	PP	600*400*340	565*365*330	555*355*320	66.1
EU8422	PP	800*400*230	765*365*220	755*355*210	54.4
EU8611	PP	800*600*120	765*565*110	755*555*100	45.9
EU8622	PP	800*600*230	765*565*220	755*555*210	92.8
EU8633	PP	800*600*340	765*565*330	755*555*320	139.6
EU41211	PP	1200*400*120	1165*365*110	1155*355*100	45.1
EU41222	PP	1200*400*230	1165*365*220	1155*355*210	91

HP series standard logistics create – stackable logistics create

HP series standard stackable logistics crate is the standard logistics crate promoted and used by Honda Motor worldwide. This series product is developed and made with 100% new modified PP with high impact resistance as raw material and by advanced processes and mold equipment. This series product is characterized by rational design, excellent quality, fast turnover, easy management, resistance to oil, acid, alkali, adaptation to wide ambient temperature (-25C--+60C), thus it is applicable to enterprise logistics in terms of transportation, warehousing, circulation, processing, manufacturing and other closed loop distribution systems, and it is mainly suitable for the automotive OEM Honda Motor and its supporting parts suppliers.

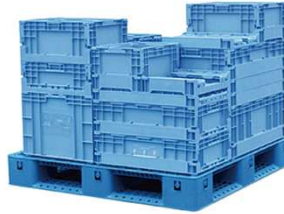


Size of logistics crate

Model	External size L*W(mm)	Inner diameter of upper opening L*W(mm)	Effective lining L*W(mm)	Weight (g)
HP-3A	365*275*110	330*240*95	320*230*85	740
HP-3B	365*275*160	330*240*145	320*230*135	940
HP-4A	435*325*110	400*290*95	390*280*85	960
HP-4B	435*325*160	400*290*145	390*280*135	1200
HP-4C	435*325*210	400*290*195	390*280*185	1450
HP-5A	550*365*110	515*330*95	505*320*85	1300
HP-5B	550*365*160	515*330*145	505*320*135	1600
HP-5C	550*365*210	515*330*195	505*320*185	1900
HP-5D	550*365*260	515*330*245	505*320*235	2180
HP-5E	550*365*330	515*330*315	505*320*305	2540
HP-6A	650*435*110	615*400*95	605*390*85	1780
HP-6B	650*435*160	615*400*145	605*390*135	2060
HP-6C	650*435*210	615*400*195	605*390*185	2340
HP-6D	650*435*260	615*400*245	605*390*235	2650
HP-6E	650*435*330	615*400*315	605*390*305	3300

Plastic Containers

This series standard crate is widely applied in warehousing, circulation, processing, manufacturing and other closed loop distribution systems for Toyota, Nissan Motor and their supporting parts suppliers.



EP foldable create

Model	External size L*W(mm)	Internal size L*W(mm)	Folding height L*W(mm)	Color	Material
S602	365*275*160	324*239*135	365*275*85	Blue	PP
S603	365*275*210	329*239*185	365*275*85	Blue	PP
S903	435*325*210	399*289*185	435*325*85	Blue	PP
S903B	435*325*160	399*289*135	435*325*60	Blue	PP
S503	550*365*160	510*325*135	550*365*60	Blue	PP
S504	550*365*210	510*325*185	550*365*60	Blue	PP
S806	650*435*210	610*395*185	650*435*75	Blue	PP
S806A	650*435*260	610*395*235	650*435*75	Blue	PP
S806B	650*435*160	610*495*125	650*435*75	Blue	PP

European standard create

This series European standard crate is made of new material - impact-resistant modified PP. It is bright-colored, durable, dampproof and sturdy.



European standard crate

Model	Material	External size L*W(mm)	Internal size L*W(mm)	Interior capacity	Loading capacity
Type A logistics crate	Impact-resistant modified PP	300*200*148	250*150*125	5.4	10
Type B logistics crate	Impact-resistant modified PP	400*300*148	350*250*125	12	20
Type C logistics crate	Impact-resistant modified PP	400*300*280	350*250*260	24	25
Type D logistics crate	Impact-resistant modified PP	600*400*280	550*350*260	52.7	40
Type E logistics crate	Impact-resistant modified PP	600*400*148	550*350*125	25.3	30

Plastic Pallet

Plastic pallet is a loading and unloading pallet which consists of loading surface for bearing certain quantities of articles and forklift notches and is used for loading and unloading, transportation, custody and distribution of goods. It is a kind of least impressive but ubiquitous logistics tool in the logistics industry. It is the main means for converting static goods into dynamic goods. Though it has a footprint of only one square meter, it can "move the whole planet", so it is also called "moving ground", "moving cargo platform".

Plastic pallet is made of thermoplastic plastics such as PEPP with adoption of some performance-enhancing additives and results from such processes as injection molding and blow molding. With increasing requirements for production conditions, storage conditions, process control and quality management, as wooden pallet fails to overcome limitations in sanitary conditions and standardized production, plastic pallet has emerged and quickly taken a place. At present, it has been widely applied in a number of industries including automobile, machinery, electronics, food, pharmaceuticals and clothing. Compared with wooden pallet, it is free from thorns and mildew, resists acid and alkali; its service life is 5-7 times that of wooden counterpart. In addition, plastic pallet meets environmental requirements; waste pallet materials are recyclable. Though plastic pallet is available at high prices, its cost is lower than that of wooden counterpart.



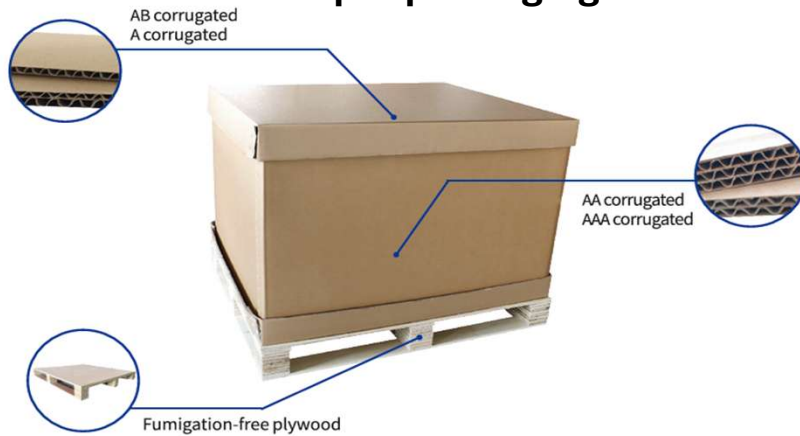
Name	Material	Specification/model (mm)	Static load (T)	Dynamic load (T)
田-shaped grid, single-sided	Impact-resistant modified PP	1100*1100*150	4	1
田-shaped grid, single-sided	Impact-resistant modified PP	1200*800*135	4	1
Grid III-shaped	Impact-resistant modified PP	1200*1000*150	4	1.5
田-shaped grid	Impact-resistant modified PP	1200*1000*165	4	1.5
田-shaped grid, single-sided	Impact-resistant modified PP	1200*1000*150	4	1
田-shaped grid, double-sided	Impact-resistant modified PP	1200*1000*150	4	1.5
Grid double-sided	Impact-resistant modified PP	1200*1100*150	6	1.5
Grid III-shaped	Impact-resistant modified PP	1200*1200*150	4	1.5



Advantages:

- *Reducing packaging cost, suitable for air transportation
- *Simple assembling, easy to operate, suitable for supergiant size
- *Shortening working time
- *Easy waste recycling
- *Stackable in transportation
- *Dispensing with fumigation

Paper packaging solutions



Case display:



Different product partitions within corrugated paper box can be customized to meet market demand.



Operating process

Foldable Steel Standard Series

Foldable iron net crate

*Suitable for packaging of large, heavy parts

Model	External Size	Internal Size	Fold height
FHW-001	1000* 800*850(mm)	900* 700(mm)	295(mm)
FHW-002	1200* 100*545(mm)	1100* 900(mm)	295(mm)
FHW-003	1200* 1000*750(mm)	1100* 900(mm)	295(mm)
FHW-004	1200* 1000*980(mm)	1100* 900(mm)	295(mm)
FHW-005	1140*1140* 545(mm)	1040* 1040(mm)	295(mm)
FHW-006	1140*1140* 750(mm)	1040* 1040(mm)	295(mm)
FHW-007	1140*1140*1130(mm)	1040* 1040(mm)	295(mm)
FHW-008	1330*1140* 545(mm)	1230* 1040(mm)	295(mm)
FHW-009	1330*1140*750(mm)	1230* 1040(mm)	295(mm)
FHW-010	1330* 1140*1130(mm)	1230* 1040(mm)	295(mm)

The size of foldable net crate is customizable

Advantages:

- *It can be designed to be dustproof, waterproof, kept outdoors in many ways according to customer requirements;
- *Parts can be transported and stored without packaging;
- *If there is any change in the parts handled, it is only necessary to change the interior material design for fixing parts, while the outer crate is reusable;
- *Suitable for packaging of large, heavy parts.

Rental mode



Customer is responsible for managing the leased package; rental fee is based on lease time; it is checked and settlement is made, once a month. In case of loss and damage, compensation is made according to the cost.

Advantages: suitable for products with a short cycle period.

Disadvantages: unsuitable for products with a long cycle period.