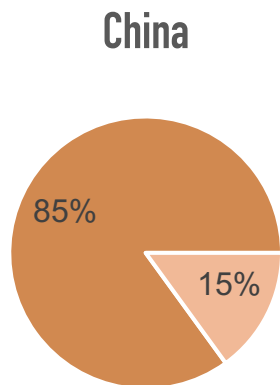




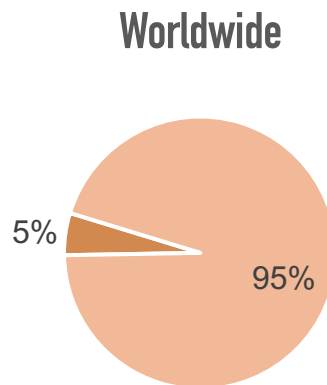
LEO **Brochure**

Capturing Global Untapped Markets in Electric Micromobility

In 2021, **85%** of two-wheelers in China were already electrified, but why is the global penetration rate still only **5%**?



■ Electric ■ ICE



■ Electric ■ ICE

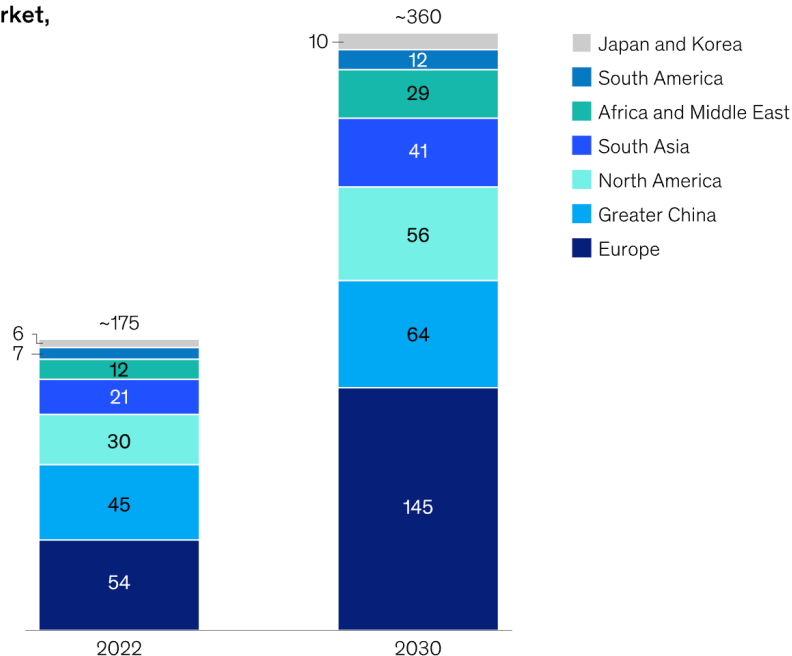
The Multi-Billion Dollar Market Under Our Noses

“One-third of respondents say they plan to **increase their use of micromobility** and nearly half are planning to **replace their private vehicles with other modes of transport.**”

— McKinsey ACES Consumer Survey, 2024

The global micromobility market is expected to reach a value of about \$360 billion by 2030.

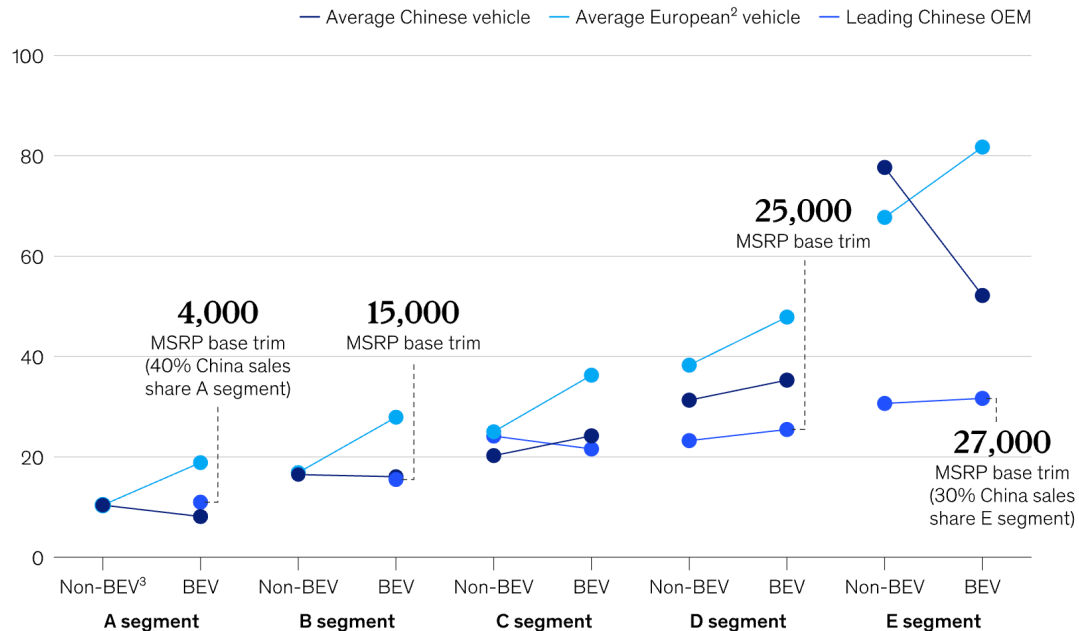
Value of micromobility market, by region, \$ billion



Now Is The Time

Chinese OEMs offer lower prices than European OEMs across all electric-vehicle segments.

Volume-weighted average estimated MSRP,¹ by segment and powertrain, in April 2023, € thousand



“Chinese EV OEMs, which hold a strong position in their home market, are **now** preparing to pursue global opportunities.

Beyond the **quality** of their EVs, Chinese OEMs may have an **advantage** in the global market for one simple reason: their vehicles are **less expensive** than those from European OEMs across all vehicle segments (Exhibit 4).

China’s **integrated value chain** contributes to the low prices for domestic OEMs.”

We Have Almost Two Decades of Manufacturing Expertise



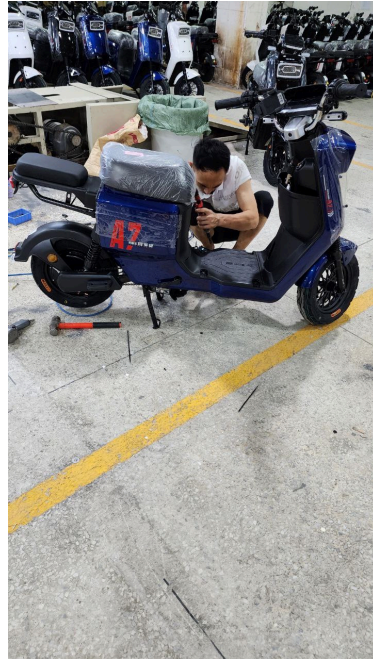
**17 Years
History**



**1.5 mil
Units
Sold**



**Singapore
Philippines
Indonesia**



OEM Manufacturing Capabilities

Factory capacity

Production capacity of 500 units per day and successfully sold 1.5 million units, plus expansion into overseas assembly lines in Indonesia and the Philippines

Customization forté

Many customization opportunities because of our access to the parts and components ecosystem, including private labeling, tailored precisely to your specifications

Parts & components

Unparalleled ecosystem of spare parts and components, driven by the substantial volume of orders. Each component has undergone extensive testing, ensuring MVP readiness and exceptional reliability

Strategic location

The Guangzhou factory's strategic location in close proximity to a port ensures convenient accessibility, facilitating efficient transportation and logistics for seamless operations

Why Choose Us?



IP & certifications

We have the TÜV SÜD certificate, awarded to only few globally. We also have an exclusive supplier agreement forged over six years of collaboration with our manufacturing partner(s) in China. Our quality standards are unparalleled while positioning us as EU export-ready, facilitating our global expansion ambitions.

Unlock Innovation: Direct Access to the Head of Product Development

Mr Leong – Our Technical Advisor

Mr Leong will be serving as technical advisor and manufacturing lead to Leo to drive seamless execution of product development activities.

A seasoned entrepreneur with a background in engineering, technology and business development, Mr Leong has significantly contributed to the micromobility sector. Leveraging his diverse expertise, Mr. Leong spent 12 years as a lead product engineer for electric micromobility vehicles within a Chinese factory group. As the business expanded with a focus on the Singapore market, he showcased his ability to understand and cater to consumer preferences while driving innovation in the micromobility industry.

Prior to his ventures in micromobility, he played a key role in expanding Samsung's semiconductor presence in Asia Pacific and pioneered Singapore's first voice over internet protocol (VoIP) software.



B2B Clientele in Singapore



Singapore Armed Forces



Singapore Power Limited



GrabFood Delivery



Domino's

Domino's Pizza Delivery



Deliveroo Food Delivery

We Are The Chosen Sole Supplier To The Singapore Government



Singapore Military

Met strict performance standards and operational requirements set forth by MINDEF. Challenges included ensuring robust construction, optimal performance in diverse environments, adherence to military specifications, and maneuverability in off-road terrains while maintaining user safety and operational efficiency.

SPgroup National Power Grid of Singapore

Provided electric scooters tailored for SP Group's underground facilities, equipped with fire-proof and explosion-proof features to ensure safety. These scooters were designed to navigate steep inclines and withstand challenging operational conditions, meeting SP Group's unique requirements effectively.



Product Showcase





Model	Electric Kick Scooter - 001
Battery Type	Lithium ion
	21.6V 2.6Ah
Motor Power	180W
Max Speed	16KM/H
Tyre Size	8.5 inch
Gradient	10°
Controller	YD701 21.6V 9A±1 , monochrome light
Brake System	Foot brake + electronic brake
Charger Current	25.2V/0.4A
Charging Time	4-6 hours
Frame Material	Aluminium alloy
Carton Size	810*155*340MM
20GP	700 pcs
40GP	1530 pcs
40HQ	1730 pcs

EN15194 certified



Model		Electric Kick Scooter - 002
Battery Type		Lithium ion
		36V 7.8Ah
Motor Power		250W
Max Speed		25KM/H
Max Range		35km
Tyre Size		8.5 inch
Gradient		10°
Brake System	Double Disc & eABS regenerative anti-lock	
Charging Time		4-6 hours
Frame Material		Aluminium alloy
Weight		14kg
20GP		700 pcs
40GP		1530 pcs
40HQ		1730 pcs

UL2272 certified



Model	Electric Bicycle - 001
Battery Type	Lithium ion
	48V 12.8Ah
Motor Power	250W
Max Speed	25KM/H
Max Range	40-45km
Max Load	120kg
Tyre Size	14 inch
Brake System	Disc
Charging Time	4-6 hours
Weight	19.2kg

UL2272 certified



Model	Electric Motorcycle - 001
Battery Type	Lithium ion
	72V-32A/72v-30A (2 pcs) - Removable
Motor Power	2000W
Motor Type	Brushless High Efficiency Direct Drive
Max Speed	80KM/H
Range Per Charge	60KM (1 battery) / 120KM (2 batteries)
Tyre	Front 2.75-18/Rear 110-90-16
Tyre Material	Rubber
Gradient	40°
Controller	18 MOSFET (70A)
Brake System	Hydraulic Disc with EBS
Charger Current	5A
Charging Time	6 Hrs (30~32A)
Wheel Base	1260
Saddle Height	68
Suspension	Hydraulic oil
Display Meter	Big Screen Digital
Gross Weight	75KG
Max Load	250KG
L X W X H	2000*750*1080mm
Packing Size	1750*450*805
40HQ Load	SKD:105pcs individual carton



Model	Electric Motorcycle - 002
Battery Type	Lithium ion
	72V-32A/72v-30A (2 pcs) - Removable
Motor Power	2000W
Motor Type	Brushless High Efficiency Direct Drive
Max Speed	80KM/H
Range Per Charge	60KM (1 battery) / 120KM (2 batteries)
Tyre	Front 2.75-18/Rear 110-90-16
Tyre Material	Rubber
Gradient	40°
Controller	18 MOSFET (70A)
Brake System	Hydraulic Disc with EBS
Charger Current	5A
Charging Time	6 Hrs (30~32A)
Wheel Base	1260
Saddle Height	68
Suspension	Hydraulic oil
Display Meter	Big Screen Digital
Gross Weight	75KG
Max Load	250KG
L X W X H	2000*750*1080mm
Packing Size	1750*450*805
40HQ Load	SKD:105pcs individual carton



Model	Electric Motorcycle - 003
Battery Type	Lithium ion
	72V-32A/72v-30A (2 pcs) - Removable
Motor Power	2000W
Motor Type	Brushless High Efficiency Direct Drive
Max Speed	80KM/H
Range Per Charge	60KM (1 battery) / 120KM (2 batteries)
Tyre	Front 2.75-18/Rear 110-90-16
Tyre Material	Rubber
Gradient	40°
Controller	18 MOSFET (70A)
Brake System	Hydraulic Disc with EBS
Charger Current	5A
Charging Time	6 Hrs (30~32A)
Wheel Base	1260
Saddle Height	68
Suspension	Hydraulic oil
Display Meter	Big Screen Digital
Gross Weight	75KG
Max Load	250KG
L X W X H	2000*750*1080mm
Packing Size	1750*450*805
40HQ Load	SKD:105pcs individual carton



Battery lifecycle:
≥2000 TIMES

Max.Speed:
≥85(km/h)

Wheel base:
1330mm

Model	Electric Motorcycle - 004
Battery Type	Lithium ion
	72V-60A (Not Removable)
Motor Power	3000W
Motor Type	Brushless High Efficiency Direct Drive
Max Speed	90KM/H
Range Per Charge	120KM
Tyre	Front 110/70-17/Rear 140-70-17
Tyre Material	Rubber
Gradient	30°
Controller	Solid-state (100A)
Brake System	Hydraulic Disc with EBS
Charger Current	8A
Charging Time	8 Hrs
Wheel Base	1300mm
Saddle Height	710mm
Suspension	Hydraulic oil
Display Meter	Big Screen Digital
Gross Weight	138KG w/Battery
Max Load	250KG
L X W X H	1950*780*1105mm
Packing Size	1780*450*800mm
40HQ Load	SKD:105pcs individual carton



Model	Electric Moped - Essential
Motor	600W Brushless
Battery	48V20AH Lead-acid
Controller	12 MOS intellegent high efficiency
Charger	48V32A
Max speed	50km/h
Max range	50-60km
Frame	Carbon steel
Max load	200kg
Max climbing (Gradient)	30°
Brake system	Front & Rear hydraulic disc
Tire	2.75-10 tubeless durable
Display meter	LCD digital multi function



Model	Electric Moped - Pro
Motor	800W Brushless
Battery	60V20AH Lead-acid
Controller	12 MOS intellegent high efficiency
Charger	60V3A
Max speed	60km/h
Max range	50-60km
Frame	Carbon steel
Max load	200kg
Max climbing (Gradient)	30°
Brake system	Front & Rear hydraulic disc
Tire	3.0-10 tubeless durable
Display meter	LCD digital multi function

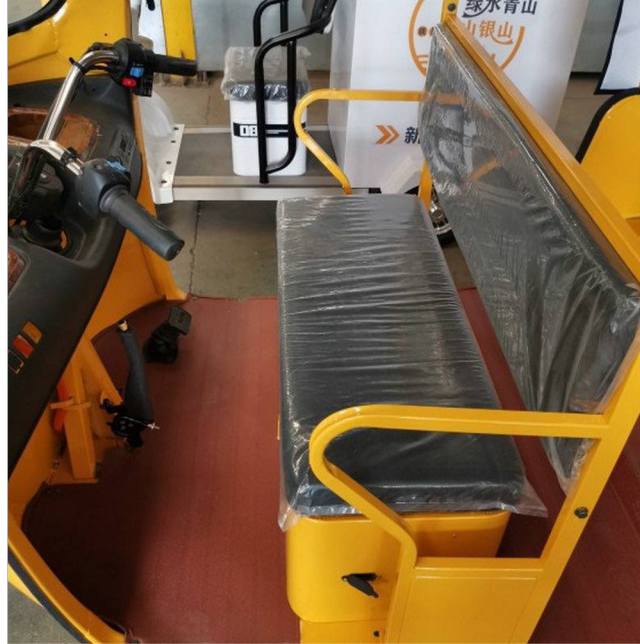


Model	Electric Moped - Premium
Motor	2000W
Battery	72V51AH Lithium-ion
Tire (front)	12
Tire (rear)	12
Max speed (km/h)	80
Max range (km)	80
Frame	1700*780*1092
Max load (kg)	200
Max climb (deg)	15
Bluetooth	Yes
Operating system	APP
Gear shift	3 modes
Screen	LCD Color



Model	Electric Moped - Luxe
Motor	3000W
Battery	72V60AH Lithium-ion
Tire (front)	12
Tire (rear)	12
Max speed (km/h)	90
Max range (km)	100
Frame	1700*780*1092
Max load (kg)	200
Max climb (deg)	15
Bluetooth	Yes
Operating system	APP
Gear shift	3 modes
Screen	LCD Color

Three-wheel Passenger Tricycles





Model	Electric Tricycle
Motor	60V/3000W
Controller	60V/3000W
Maximum Power	10,000W
Battery	72V100AH Lithium-ion
Brakes (front)	Drum OR disc brakes
Brakes (rear)	Oil brakes
Cooling fan	12V
Audio system	USB
Roof dimensions	1850*1350*150
Front seat	1150*350
Middle seat (foldable)	760*260
Back seat	1180*350
Seat thickness	620mm
Luggage rack	950*1350
Spare tire	400-12
Side windows	280*220
Side & rear window	540*240
Design speed	50km/h
Climb	20°
Range	80km
Carrying load	500kg



**Surround sound
speakers**



Speedometer



**Headlights &
signalling**



**Radio, USB &
SD/MMC input**



Key lock



Electric Tricycle – Advanced: Battery Swapping Equipment



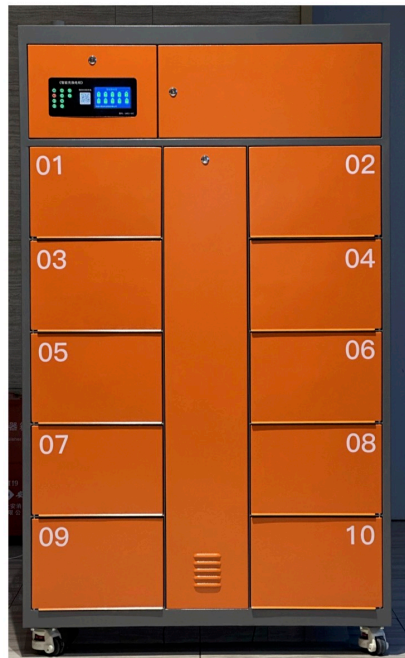
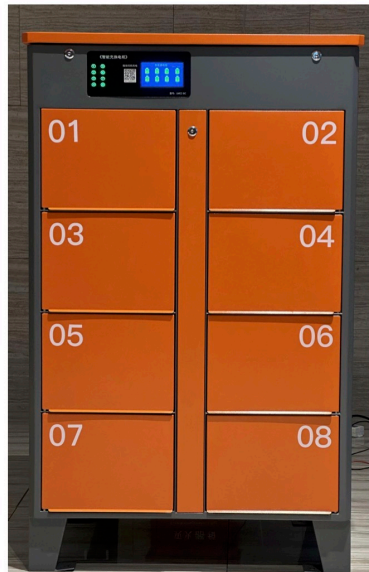
Electric Agricultural Tricycles

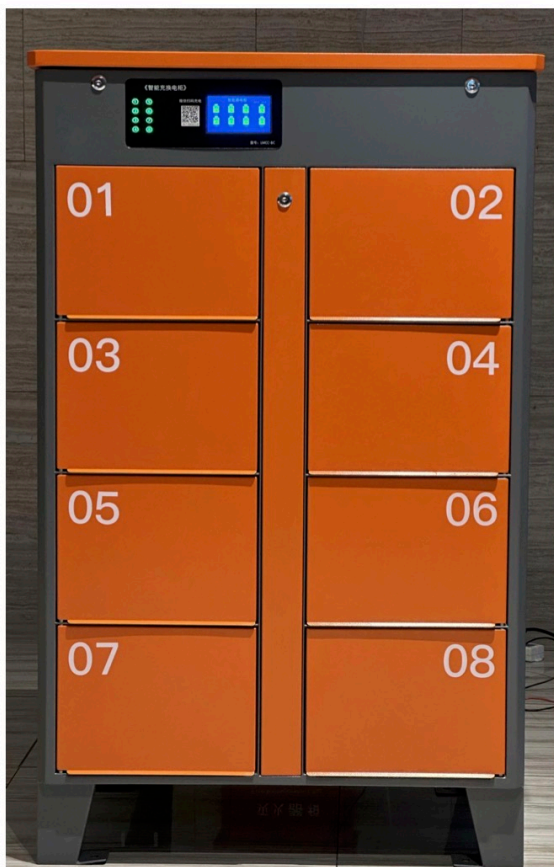




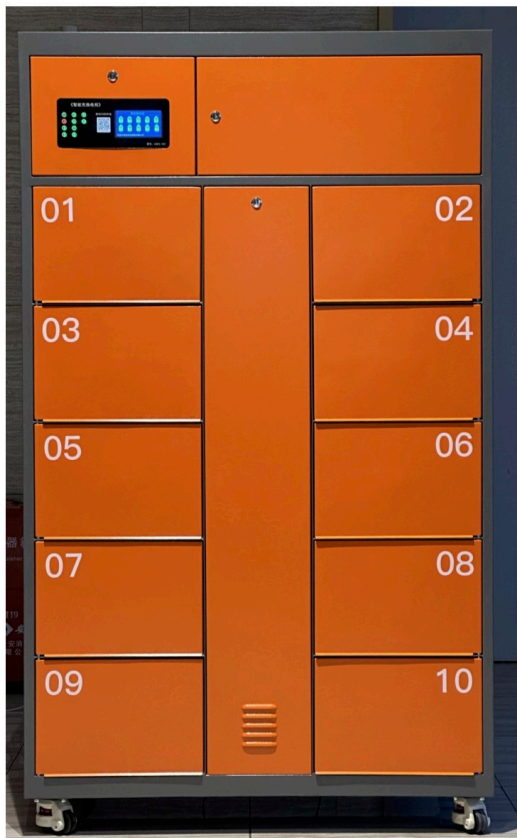
Model	Electric Agricultural Tricycle
a	1.3*0.9m 800W 60V20aH
b	1.3*0.9m 800W 60V32aH
c	1.3*0.9m 1200W 60V45aH
d	1.5*1m 1200W 60V20aH
e	1.5*1m 1200W 60V32aH
f	1.5*1m 1500W 60V45aH
g	1.8*1m 1200W 60V20aH
h	1.8*1m 1200W 60V32aH
j	1.8*1m 1200W 60V45aH
k	1.8*1m 1500W 60V45aH
m	1.8*1.1m 1200W 60V20aH
n	1.8*1.1m 1200W 60V32aH
p	1.8*1.1m 1500W 60V45aH
q	2*1.2m 1200W 60V20aH
r	2*1.2m 1200W 60V32aH
s	2*1.2m 1500W 60V45aH

Charging Stations





Model	Charging Station – 8 Compartments
Input Voltage	AC 180-265V
Charging Method	Soft link (incl. RS-485 communication)
Static Power	8W
Max. Power	>6000W
Charging Efficiency	≥92%
Distribution Method	Single-phase AC 220V with 4 mm ² single-core wire
Output Voltage	DC45-73V (Rated 48V/60V, optional 72V)
Max. Output Current	10A (15A optional)
Max. Charging Power	750W single compartment (1500W optional)
Battery Compartment Indicator Light	Green light indicates full charge, red light indicates charging
Voice Playback	5DB (A)
External Communication Protocol	TCP/IP Protocol
Charging Method	Automatic Charging, Automatic Recognition, Stop when Fully Charged
Material	Galvanized Steel Plate; Environmentally Friendly, Fireproof, Explosion-proof
Waterproof Rating	IP54
Fire Extinguisher	Aerosol installed in each compartment
Heat Management	Built-in fan



Model	Charging Station – 10 Compartments
Input Voltage	AC 180-265V
Charging Method	Soft link (incl. RS-485 communication)
Static Power	8W
Max. Power	>6000W
Charging Efficiency	≥92%
Distribution Method	Single-phase AC 220V with 4 mm ² single-core wire
Output Voltage	DC45-73V (Rated 48V/60V, optional 72V)
Max. Output Current	10A (15A optional)
Max. Charging Power	750W single compartment (1500W optional)
Battery Compartment Indicator Light	Green light indicates full charge, red light indicates charging
Voice Playback	5DB (A)
External Communication Protocol	TCP/IP Protocol
Charging Method	Automatic Charging, Automatic Recognition, Stop when Fully Charged
Material	Galvanized Steel Plate; Environmentally Friendly, Fireproof, Explosion-proof
Waterproof Rating	IP54
Fire Extinguisher	Aerosol installed in each compartment
Heat Management	Built-in fan

LEO

Asante

Grazie

Muchas

شكراً لك

gracias

Nagode

Merci

Danke

THANK YOU

