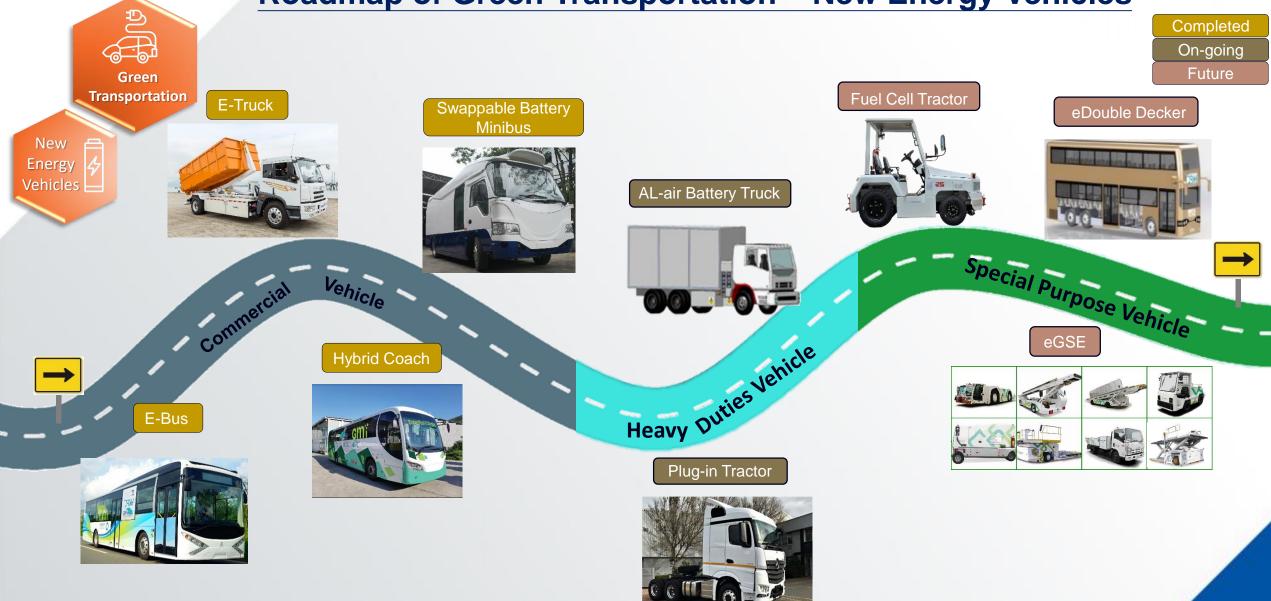


Introduction to EV & EV Charging

By Dr Lawrence POON General Manager of HKPC & APAS R&D Centre



Roadmap of Green Transportation – New Energy Vehicles



Successfully commercialized

12METERS BATTERY ELECTRIC BUS





 Our Ref.
 :
 (139) in TD TKW 50/203/1 Pt.21

 Your Ref.
 :

 Tel.
 :
 2189 7082

 Fax.
 :
 2764 1517

China Green Dynamics Company Limited 46/F, China Online Centre, 333 Lockhart Road, Wanchai, Hong Kong Attn.: Mr. Paul Bromley - Chief Technical Officer

Dear Sir,

Application for Type Approval CHINA GREEN DYNAMICS GTZ6128EEVH Pure Electric 12m Single Deck A/C Body 35 Fixed Seats + 1 Wheelchair

Further to the letter of the same series dated 6 June 2017, ξ am pleased to inform you that the above bus type had passed the type approval examination.

I attach herewith a Bus Type Approval Form and the approved drawing of the T.A. Plan No. CDE10CD3600 for your retention.

You may be required to recall and rectify the bas approved under this type approval if any design defect is subsequently identified. In addition, you shall also closely monitor the condition of bus.

Any subsequent variation to the type approved model on major components, systems, dimensions and layout shall be notified to the Transport Department for reference and/or reassessment.

This approval may be withdrawn if the above bus type is found to be no longer roadworthy.

Yours faithfully,

(K. W. CHAN) for Commissioner for Transport

Sold 60+ eBuses

Passed Type Approval Exam



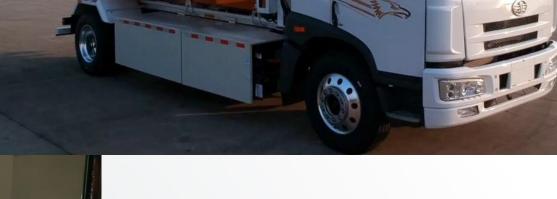
11 September 2017

The 1st in HK 16T Full Electric





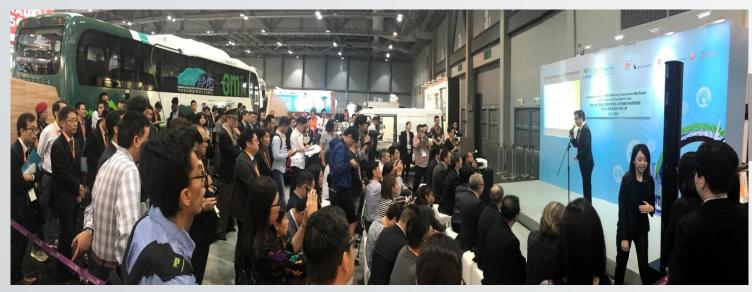
Launching Ceremony at Asia World Expo





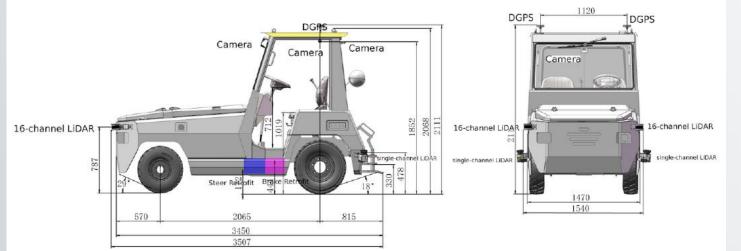






Launching Ceremony at Asia World Expo

Autonomous ciec	crec i racior
Parameters	Specifications
WEIGHT (kg)	5000
MAX LOAD (kg)	2500
BATTERY CAPACITY (Ah)/ CHARGING	550 / 3
TIME (h)	
MAX SPEED (km/h)	22
SENSORS CONFIGURATION	
2D / 3D Lidar	2 x 1-Channel / 2 x 16-Channel
Camera	4
Ultrasonic Radar	8
GPS	1





Autonomous Electric Tractor

Potential Future Applications: Autonomous E-Bus



Trend: Commercial vehicles electrification

















Fuel Cell Vehicles Powertrain & Infrastructure

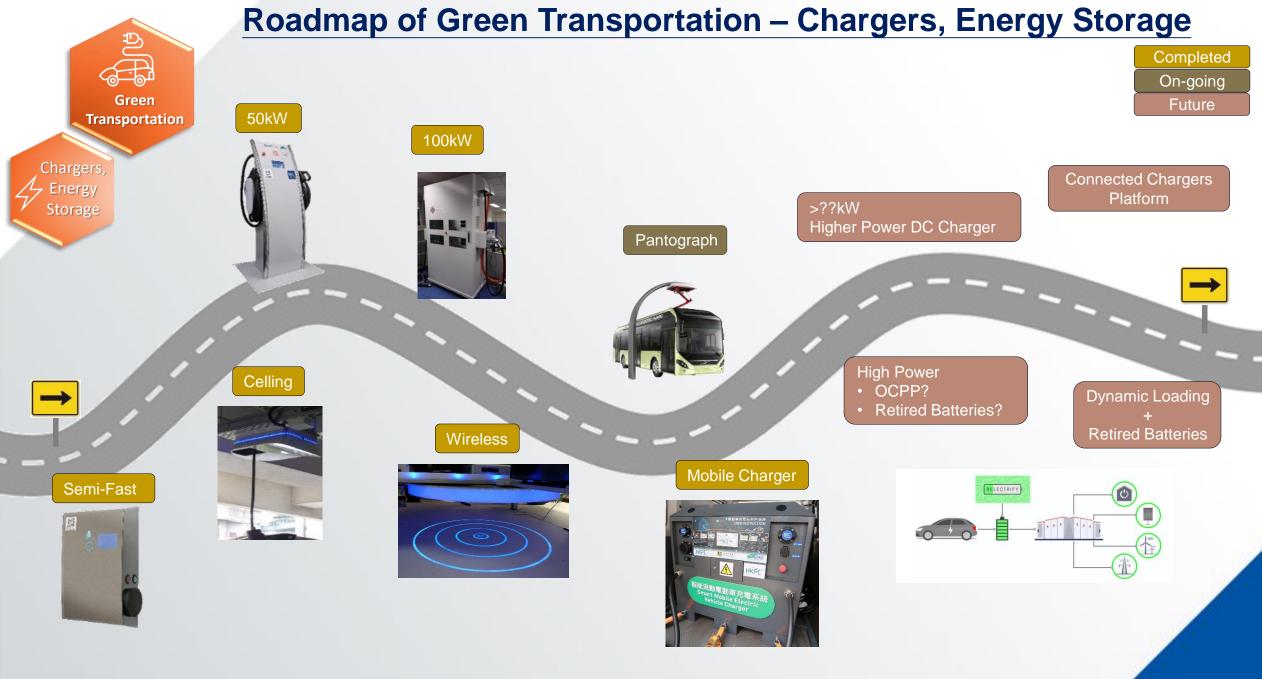








* Fast fueling* Long range distance* Less battery



Geneva Invention Award Mobile Charger





HKPC

智能流動電動車充電系統 Smart Mobile Electric Vehicle Charger N



Multi-standard Mobile EV-Charger

Hong Kong Awards for Industries Portable Charger Kit HKEVN

手提式電動車充電器 PORTABLE CHARGER KII



DESIGN AWARD

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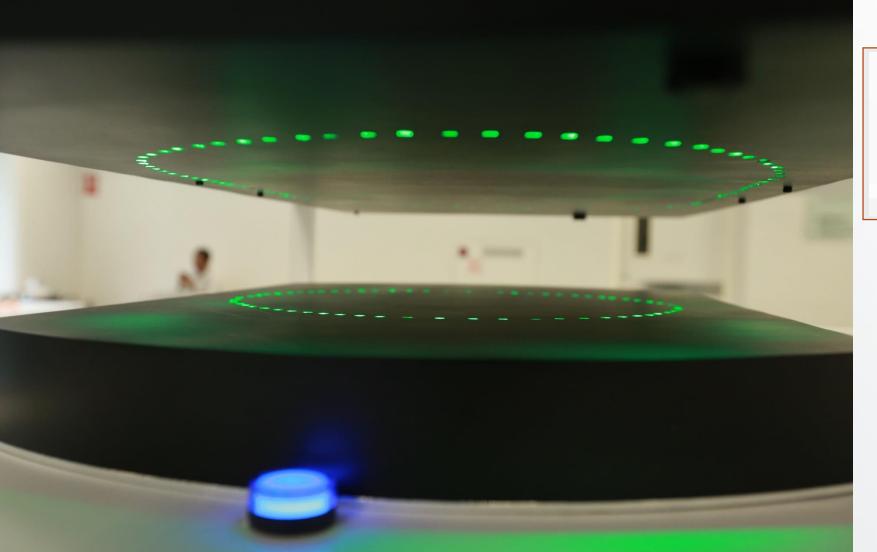
Serving in many carparks.... 50kW Fast Charger

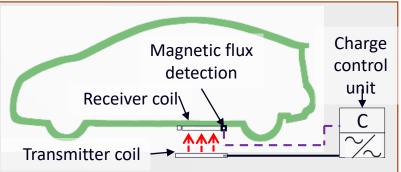




The 1st in HK EV Wireless Charger







Facilitates commercial vehicles Pantograph High Power Charger

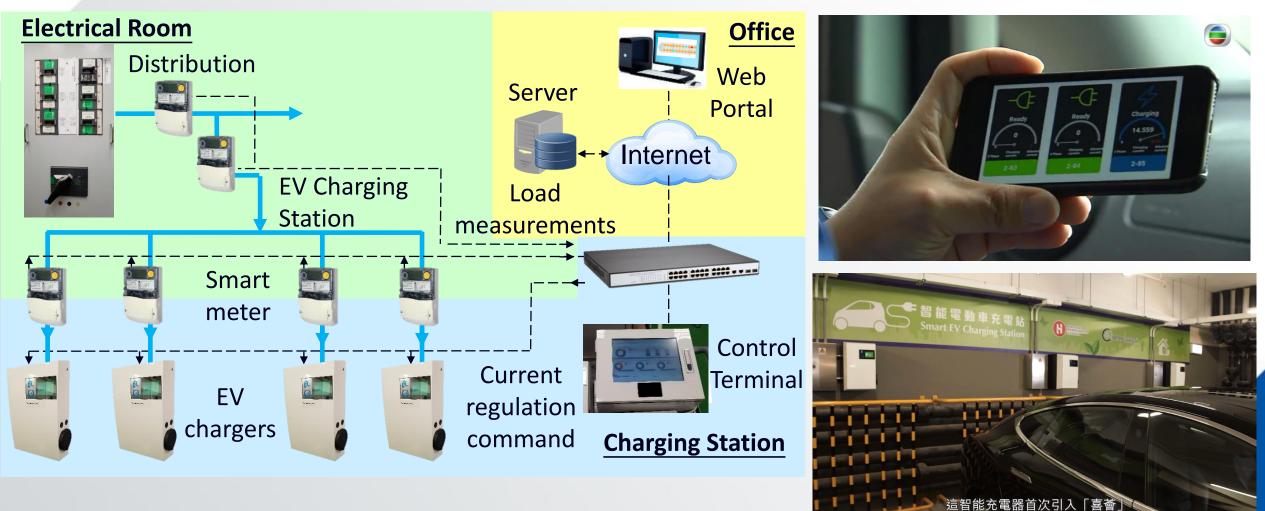


Opportunity charges for round trips:

Hybrid e-minibus 640V/25Ah	Max 180A charging	4 mins for 7kwh	15km
Hybrid e-coach 650V/80Ah	Max 450A charging	4 mins for 20kwh	25km

Smart EV Charging Station

- Real-time status of EV chargers
- Regulate EV charging current based on demand



CLP 中電

HONG KONG HOUSING SOCIETY

香港启屋協會





Automotive Platforms and Application Systems (APAS) **R&D** Centre 汽車科技研發中心

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